

Directions of Test

Test Name	Actual MAT 10	Total Questions	200	Total Time	150 Mins
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Section Name	No. of Questions	Marks per Question	Negative Marking
Verbal	40	1	1/4
Reasoning	40	1	1/4
Quant	40	1	1/4
DI	40	1	1/4
GK	40	1	1/4

Section : Verbal

DIRECTIONS for the question: The question consists of five statements labelled A, B, C, D and E which when logically ordered form a coherent passage. Choose the option that represents the most logical order.

Question No. : 1

- The upsurge of public activism against the setting up of Special Economic Zones, which eventually forced the State government to announce the scrapping of all 15 such projects, is an impressive case in point.
- Early last year, a similar agitation coerced the government into calling for a revision of the Goa Regional Plan 2011, a controversial document that opened up large swathes of land, including green belts and coastal stretches, for construction.
- The broad-based agitation against SEZs has demonstrated the power of popular protest in the State.
- Those opposed to the projects had questioned the propriety of the government acquiring large tracts of land and then selling them to promoters at low prices.
- A coastal State with an area of 3,700 square kilometers and a population of about 1.4 million, Goa has always been extremely sensitive to the impact of unrestrained economic development.

A) BCDEA B) CDEAB C) EABCD D) DABCE

DIRECTIONS for the question: The question consists of five statements labelled A, B, C, D and E which when logically ordered form a coherent passage. Choose the option that represents the most logical order.

Question No. : 2

- The post-election crisis in Kenya remains unresolved.
- The damage being done to the country's economy is severe: tourism, horticulture, and other industries that depend on trade beyond the Kenyan border are reeling.
- Many countries responded, providing essential humanitarian assistance and logistical support. For this, I and many other Kenyans are very grateful.
- Thousands of livelihoods, along with investments throughout the region, are threatened and collapsing.
- As the situation in Kenya escalated with murders, rapes, burning of property, looting, and the displacement of thousands of people throughout the country - the international community was urged to help.

A) AEDBC B) ABCED C) ACDEB D) ABDEC

DIRECTIONS for the question: The question consists of five statements labelled A, B, C, D and E which when logically ordered form a coherent passage. Choose the option that represents the most logical order.

Question No. : 3

- The US market will continue to be the dominant one in the foreseeable future. The rupee could become even stronger.

- B. A greater recourse to hedging as well as striving for multi-currency revenue streams automatically suggests itself.
- C. Already one company, TCS, by resorting to these methods extensively has turned in an above - average performance during the first quarter.
- D. Most IT companies have been grappling with more mundane problems such as a high level of attrition amidst rising wage costs and inability to secure the right type and number of American visas.
- E. The BPO industry and many medium-sized software exporters are reportedly operating on thin margins.

A) BCADE B) ABCDE C) DCBAE D) EDABC

DIRECTIONS for the question: The question consists of five statements labelled A, B, C, D and E which when logically ordered form a coherent passage. Choose the option that represents the most logical order.

Question No. : 4

- A. Last March, I was invited to present a paper on the topic of whether the mistakes of the 20th century would be repeated in the 21st century as well.
- B. The economic crisis hadn't become grave then.
- C. But today the world is in the midst of the biggest economic crisis since 1929.
- D. The key difference between then and now is that the old power structures have finally disappeared.
- E. Now even the US is pleading for financial help from China.

A) BCADE B) ABCDE C) CDEAB D) DEABC

DIRECTIONS for the question: In the sentence provided different ways of writing a sentence are indicated. Choose the best way of writing the sentence that is grammatically correct.

Question No. : 5

- A) There were great stable, where a dozen grooms and boys held forth, rows of vine-clad servant cottages, an endless and orderly array of outhouses, long grape arbors, green pastures, orchards, and berry patches
- B) There were great stables, where a dozen grooms and boys held forth, rows of vine-clad servants' cottages, an endless and orderly array of outhouses, long grape arbors, green pastures, orchards, and berry patches
- C) There are great stables, where a dozen grooms and boys held forth, rows of vine-clad servants' cottages, an endless and order array of outhouses, long grape arbors, green pastures, orchards, and berry patches
- D) There were great stables, where a dozen grooms and boys held forth, rows of vine-clad servant's cottages, an endless and orderly array of outhouse, long grape arbor, green pasture, orchard, and berry patch

DIRECTIONS for the question: In the sentence provided different ways of writing a sentence are indicated. Choose the best way of writing the sentence that is grammatically correct.

Question No. : 6

- A) Then there is the pumping plant for the artesian well, and the big cement tank where Judge Miller's boys took their morning plunge and kept cool in the hot afternoon
- B) Then there was the pumping plant for the artesian well, and the big cement tank where Judge Miller's boys took their morning plunge and kept cool in the hot afternoon
- C) Then there was the pumping plant for the artesian well, and the big cement tank were Judge Miller's boys took their morning plunge and keep cool in the hot afternoon
- D) Then there was the pumping plant through the artesian well, and the big cement tank where Judge Miller's boys took their morning plunge and kept cool in the hot afternoon

DIRECTIONS for the question: In the sentence provided different ways of writing a sentence are indicated. Choose the best way of writing the sentence that is grammatically correct.

Question No. : 7

- A) While the circumnavigation of the solar system seems farfetched, it may not be once the problem of effective anti-gravitational control is solved
- B) While the circumnavigation of the solar system seems farfetched, it may not be once the problem of effective anti-gravitational control are solved
- C) While the circumnavigation of the solar system seem farfetched, it may not be once the problem of effective anti-gravitational control is solved

D) While the circumnavigation of the solar system seems farfetched, it may not be once the problem of effect anti-gravitational control is solve

DIRECTIONS for the question : Read the passage and answer the question based on it.

Question No. : 8

Like most teenagers, I dreamed of one day having my name in lights. And perhaps an interview in National Geographic for my work with Rwanda's apes. Maybe an Oscar for my portrayal as a feisty heroine in an epic drama, preferably set in India. Or a Nobel Prize for poetry, which I'd collect in Stockholm wearing a black turtleneck. Suffice to say, none of these has come true. I prefer dogs to gorillas. My poetry is used to line the bottom of my drawer. And I've never been to India. Sure, as a writer, I get my name in the occasional glow of a nine-point byline, but the difference between Oscars and Nobels and Helvetica type face is that the former are all about me; the latter is by me. With the advent of the internet, all that has changed. Like most users, I am a gratuitous googler, squandering valuable work time looking up invaluable topics such as how to clean my dog's teeth, how to cook Risotto, and myriad medical ailments, including tough heels (definitely cancer), lumps on elbows (certainly cancer) and easy bruising (absolutely cancer). But among these endless searches will be a valuable constant: my own name, Helen Walne. In the great scheme of things I am not very important. I have never been medically paroled from jailed, I haven't gone to rehab and I am not about to marry a famous celebrity. My husband has gently suggested that I seek psychological help for my addiction. I google myself everyday. And yes, there are times when, like a bulimic digging into a second bucket of Kentucky Fried Chicken, I feel out of control, gorging on blogs, images and news and glimpses of myself.

In cyber space, there is no such thing as big fish in little ponds, or little fish in big ponds. Instead, it's one swirling, bubbling swamp of amoebae all gasping for their own gulp of air. And for ego surfers, it's important we float on the surface. Research has found that 47% of internet users have performed self googling more than double the number from 5 years ago. I have realized that like wine, watching soap operas and eating pizza, moderation is the key to virtual vanity - and keeping it to yourself paramount. When you start dabbling in the competitive realms of rival surfing you are sure to start sinking under the flotsam of self doubt. There is always someone out there with a higher ranking, a better picture, a bigger job.

According to the passage, the author

- I. received an Oscar for her portrayal as a feisty heroine in an epic drama.
- II. feels that moderation is the key to well being in cyber space.
- III. feels that she is the centre of all she checks in the net.

A) I, II and III are correct B) I and II are correct C) II and III are correct D) I and III are correct

DIRECTIONS for the question : Read the passage and answer the question based on it.

Question No. : 9

Like most teenagers, I dreamed of one day having my name in lights. And perhaps an interview in National Geographic for my work with Rwanda's apes. Maybe an Oscar for my portrayal as a feisty heroine in an epic drama, preferably set in India. Or a Nobel Prize for poetry, which I'd collect in Stockholm wearing a black turtleneck. Suffice to say, none of these has come true. I prefer dogs to gorillas. My poetry is used to line the bottom of my drawer. And I've never been to India. Sure, as a writer, I get my name in the occasional glow of a nine-point byline, but the difference between Oscars and Nobels and Helvetica type face is that the former are all about me; the latter is by me. With the advent of the internet, all that has changed. Like most users, I am a gratuitous googler, squandering valuable work time looking up invaluable topics such as how to clean my dog's teeth, how to cook Risotto, and myriad medical ailments, including tough heels (definitely cancer), lumps on elbows (certainly cancer) and easy bruising (absolutely cancer). But among these endless searches will be a valuable constant: my own name, Helen Walne. In the great scheme of things I am not very important. I have never been medically paroled from jailed, I haven't gone to rehab and I am not about to marry a famous celebrity. My husband has gently suggested that I seek psychological help for my addiction. I google myself everyday. And yes, there are times when, like a bulimic digging into a second bucket of Kentucky Fried Chicken, I feel out of control, gorging on blogs, images and news and glimpses of myself.

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It can be inferred from the passage that

- A) you have gone too far when you start googling your name multiple times daily
- B) competitive rival surfing is the best way to increase your self esteem
- C) being addicted to self googling is the way forward in the 21st century

D) the advent of the internet has helped in creating 'a somebody' out of 'a nobody'

DIRECTIONS for the question : Read the passage and answer the question based on it.

Question No. : 10

Like most teenagers, I dreamed of one day having my name in lights. And perhaps an interview in National Geographic for my work with Rwanda's apes. Maybe an Oscar for my portrayal as a feisty heroine in an epic drama, preferably set in India. Or a Nobel Prize for poetry, which I'd collect in Stockholm wearing a black turtleneck. Suffice to say, none of these has come true. I prefer dogs to gorillas. My poetry is used to line the bottom of my drawer. And I've never been to India. Sure, as a writer, I get my name in the occasional glow of a nine-point byline, but the difference between Oscars and Nobels and Helvetica type face is that the former are all about me; the latter is by me. With the advent of the internet, all that has changed. Like most users, I am a gratuitous googler, squandering valuable work time looking up invaluable topics such as how to clean my dog's teeth, how to cook Risotto, and myriad medical ailments, including tough heels (definitely cancer), lumps on elbows (certainly cancer) and easy bruising (absolutely cancer). But among these endless searches will be a valuable constant: my own name, Helen Walne. In the great scheme of things I am not very important. I have never been medically paroled from jailed, I haven't gone to rehab and I am not about to marry a famous celebrity. My husband has gently suggested that I seek psychological help for my addiction. I google myself everyday. And yes, there are times when, like a bulimic digging into a second bucket of Kentucky Fried Chicken, I feel out of control, gorging on blogs, images and news and glimpses of myself.

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According to the passage,

- A) Helen Walne is a patient of cancer B) Helen Walne is a megabyte megalomaniac
- C) Helen Walne thinks that constant rival surfing is the best way to improve self worth
- D) Helen Walne is a conscientious worker

DIRECTIONS for the question : Read the passage and answer the question based on it.

Question No. : 11

Like most teenagers, I dreamed of one day having my name in lights. And perhaps an interview in National Geographic for my work with Rwanda's apes. Maybe an Oscar for my portrayal as a feisty heroine in an epic drama, preferably set in India. Or a Nobel Prize for poetry, which I'd collect in Stockholm wearing a black turtleneck. Suffice to say, none of these has come true. I prefer dogs to gorillas. My poetry is used to line the bottom of my drawer. And I've never been to India. Sure, as a writer, I get my name in the occasional glow of a nine-point byline, but the difference between Oscars and Nobels and Helvetica type face is that the former are all about me; the latter is by me. With the advent of the internet, all that has changed. Like most users, I am a gratuitous googler, squandering valuable work time looking up invaluable topics such as how to clean my dog's teeth, how to cook Risotto, and myriad medical ailments, including tough heels (definitely cancer), lumps on elbows (certainly cancer) and easy bruising (absolutely cancer). But among these endless searches will be a valuable constant: my own name, Helen Walne. In the great scheme of things I am not very important. I have never been medically paroled from jailed, I haven't gone to rehab and I am not about to marry a famous celebrity. My husband has gently suggested that I seek psychological help for my addiction. I google myself everyday. And yes, there are times when, like a bulimic digging into a second bucket of Kentucky Fried Chicken, I feel out of control, gorging on blogs, images and news and glimpses of myself.

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According to the passage, all of the following are not true, *except*

- A) Helen Walne received a prize wearing a turtle neck
- B) Helen Walne's husband feels she needs help to get out of her addiction
- C) In reality there is very little difference in the number of internet users today and five years ago
- D) Rival surfing gives a better job

DIRECTIONS for the question : Read the passage and answer the question based on it

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Question No. : 12

Until a hundred years ago as humans we had a simple, uncomplicated biological connect. It was a straightforward equation: we drew roughly 3,000 calories each of energy out of the Earth for our food and life's sustenance. Today that number per capita has grown to 1,00,000 calories. We still need only 3,000 calories each to nourish life itself. All the rest of this energy is what we extract from the Earth for everything else besides keeping ourselves alive. In some countries, like the US; this per capita number runs at over 2,00,000 calories. Some of us are concerned about this. We fret over what we could - and should - really be doing to soften this abuse of resources. Little things fox us in the welter of things that we get to read. What is sustainable development? How can it be started at our homes? Beyond the ceremonial planting of green and getting people to run marathons of various lengths in support of the environment, is there more that we can add to the abstract value of 'sustainability'? What are the little things we can do in our day-to-day lives, to reduce demand for things that people make and market? Of course, we know that it helps to avoid a plastic bag when you can use a newspaper bag, or a brown bag, or even a jute bag which you can use for many more years unlike a plastic bag which you throw away in less than a week or after a few uses. However, there's actually quite a bit more that you and I can do, without compromise on comfort, with very little as cost incurred, with financial savings that you can gain on energy and water use, and with solutions that are very feasible and within your reach. It is possible to understand our ecological footprint and its disastrous consequences, not merely in terms of our own behaviour as consumers, but really in terms of the impact on the environment we make.

What is the primary concern of the passage?

- A) There is a need to save energy, especially for our future B) All of us should not only plant trees but also run the marathon
C) Use of plastic bags should be completely banned D) We need to respect the Earth and consume less of its calories

DIRECTIONS for the question : Read the passage and answer the question based on it.

Question No. : 13

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Why does the author ask his audience to use a jute bag?

- A) Jute bags look more trendy and stylish B) It is the need of the hour, to save energy, to save our ecosystem
C) Using jute bags helps in consuming only 3,000 calories from the Earth D) They are more easily available

DIRECTIONS for the question : Read the passage and answer the question based on it.

Question No. : 14

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years unlike a plastic bag which you throw away in less than a week or after a few uses. However, there's actually quite a bit more that you and I can do, without compromise on comfort, with very little as cost incurred, with financial savings that you can gain on energy and water use, and with solutions that are very feasible and within your reach. It is possible to understand our ecological footprint and its disastrous consequences, not merely in terms of our own behaviour as consumers, but really in terms of the impact on the environment we make.

Which one of the following statements **cannot** be inferred from the passage?

- A) There are many little things we can do to save our Earth
- B) Only running marathons of various lengths does not help
- C) We do not depend on the Earth for our food and life sustenance
- D) A lot many years before, our association with the Nature was quite simple

DIRECTIONS for the question : Read the passage and answer the question based on it.

Question No. : 15

Until a hundred years ago as humans we had a simple, uncomplicated biological connect. It was a straightforward equation: we drew roughly 3,000 calories each of energy out of the Earth for our food and life's sustenance. Today that number per capita has grown to 1,00,000 calories. We still need only 3,000 calories each to nourish life itself. All the rest of this energy is what we extract from the Earth for everything else besides keeping ourselves alive. In some countries, like the US; this per capita number runs at over 2,00,000 calories. Some of us are concerned about this. We fret over what we could - and should - really be doing to soften this abuse of resources. Little things fox us in the welter of things that we get to read. What is sustainable development? How can it be started at our homes? Beyond the ceremonial planting of green and getting people to run marathons of various lengths in support of the environment, is there more that we can add to the abstract value of 'sustainability'? What are the little things we can do in our day-to-day lives, to reduce demand for things that people make and market? Of course, we know that it helps to avoid a plastic bag when you can use a newspaper bag, or a brown bag, or even a jute bag which you can use for many more years unlike a plastic bag which you throw away in less than a week or after a few uses. However, there's actually quite a bit more that you and I can do, without compromise on comfort, with very little as cost incurred, with financial savings that you can gain on energy and water use, and with solutions that are very feasible and within your reach. It is possible to understand our ecological footprint and its disastrous consequences, not merely in terms of our own behaviour as consumers, but really in terms of the impact on the environment we make.

A suitable title to the passage could be

- A) Lets Shift to Jute!
- B) How to Consume Few Calories?
- C) Save Energy, Save the Earth!
- D) The Earth Heading for a Disaster

DIRECTIONS for the question : Read the passage and answer the question based on it.

Question No. : 16

More than a century later, the Earth seems to be literally falling to pieces - recent environmental setbacks include billions of tonnes of ice shelves breaking off in the Antarctic and unusually warm temperatures in different parts of the world, Panic reactions range from predictions of sinking islands to lamenting the ill-effects of global warming induced by release of greenhouse gases into the atmosphere. The trouble is that we are too obsessed with the climate change problem to even acknowledge the fact that the state of the planet hinges on much more. Climate change is at best a symptom of a far more complex malaise, just as a fever is most often only an indicator of something that's gone awry in our body. It's time for a complete and comprehensive planetary health check, that will examine the impacts of change in land use, loss of biodiversity, use of fertilizers and pesticides and consistent pollution of water bodies. This would overcome the limitations of evaluating how ecosystems work by reacting to just one major environmental concern as is happening in the case of global warming. These considerations have been responsible for the setting up of an international panel, the Millennium Ecosystem Assessment. Financed by four major international bodies, including the UN and the World Bank, the eco-panel was set up without much fuss last June, and is expected to determine, over a period of four years and at a cost of \$21 million, the state of the Earth's ecosystems. The eco-panel will source inputs from more than 2,000 natural and social scientists the world over. Put simply, the Earth will go through the equivalent of a thorough physical, so that biological, economic and social information can be collated to help scientists arrive at a final diagnosis. The newly-constituted eco-panel will have to ensure that data collection is more representative of the regions of the world. Today, we have the advantage of sourcing data from remote sensing satellites as well. The information thus gathered would have to be sorted out and analyzed by specialists and also by generalists.

What is the comparison made between fever in our body and climate changes?

- A) Like fever increases the body temperature, climate changes are making the Earth hot
 - B) The comparison is made just to intensify the problems being discussed about our planet
 - C) Like fever is a symptom showing the body has some problems, climate changes show that the Earth has some problems
 - D) The fever comparison shows how ecosystems work
-

DIRECTIONS for the question : Read the passage and answer the question based on it.

Question No. : 17

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What will be the task of the newly constituted eco-panel?

- A) To collect appropriate data for different regions of the world B) To manage the finances of the whole collection activity
C) To sort out the information gathered D) To stop making panic reactions regarding climatic change

DIRECTIONS for the question : Read the passage and answer the question based on it.

Question No. : 18

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What is the primary concern of the passage?

- A) The passage aims to convince the government to provide adequate funds to the Millennium Ecosystem Assessment
B) It shows the harmful effects of fertilizers and pesticides
C) It mentions the environmental challenges being faced by our planet and the need to face them
D) The passage shows concern towards the lack of proper social information to save the Earth

DIRECTIONS for the question : Read the passage and answer the question based on it.

Question No. : 19

More than a century later, the Earth seems to be literally falling to pieces - recent environmental setbacks include billions of tonnes of ice shelves breaking off in the Antarctic and unusually warm temperatures in different parts of the world, Panic reactions range from predictions of sinking islands to lamenting the ill-effects of global warming induced by release of greenhouse gases into the

atmosphere. The trouble is that we are too obsessed with the climate change problem to even acknowledge the fact that the state of the planet hinges on much more. Climate change is at best a symptom of a far more complex malaise, just as a fever is most often only an indicator of something that's gone awry in our body. It's time for a complete and comprehensive planetary health check, that will examine the impacts of change in land use, loss of biodiversity, use of fertilizers and pesticides and consistent pollution of water bodies. This would overcome the limitations of evaluating how ecosystems work by reacting to just one major environmental concern as is happening in the case of global warming. These considerations have been responsible for the setting up of an international panel, the Millennium Ecosystem Assessment. Financed by four major international bodies, including the UN and the World Bank, the eco-panel was set up without much fuss last June, and is expected to determine, over a period of four years and at a cost of \$21 million, the state of the Earth's ecosystems. The eco-panel will source inputs from more than 2,000 natural and social scientists the world over. Put simply, the Earth will go through the equivalent of a thorough physical, so that biological, economic and social information can be collated to help scientists arrive at a final diagnosis. The newly-constituted eco-panel will have to ensure that data collection is more representative of the regions of the world. Today, we have the advantage of sourcing data from remote sensing satellites as well. The information thus gathered would have to be sorted out and analyzed by specialists and also by generalists.

The tone of the passage can best be described as

- A) boorish B) informative C) sarcastic D) cursory

DIRECTIONS for the question : Read the passage and answer the question based on it.

Question No. : 20

In the real world, U.S. global planning has always been sophisticated and careful, as you'd expect from a major superpower with a highly centralized and class conscious dominant social group. Their power, in turn, is rooted in their ownership and management of the economy, as is the norm in most societies. During World War II, American planners were well aware that the United States was going to emerge as a world-dominant power, in a position of hegemony that had few historical parallels, and they organized and met in order to deal with this situation.

From 1939 to 1945, extensive studies were conducted by the Council on Foreign Relations and the State Department. One group was called the War-Peace Studies Group, which met for six years and produced extensive geopolitical analyses and plans. The Council on Foreign Relations is essentially the business input to foreign policy planning. These groups also involved every top planner in the State Department, with the exception of the Secretary of State. The conception that they developed is what they called "Grand Area" planning. The Grand Area was a region that was to be subordinated to the needs of the American economy. As one planner put it, it was to be the region that is "strategically necessary for world control." The geopolitical analysis held that the Grand Area had to include at least the Western Hemisphere, the Far East, and the former British Empire, which we were then in the process of dismantling and taking over ourselves. This is what is called "anti-imperialism" in American scholarship. Detailed plans were laid for particular regions of the Grand Area and also for international institutions that were to organize and police it, essentially in the interests of this subordination to U.S. domestic needs. The Grand Area was also to include western and southern Europe and the oil-producing regions of the Middle East; in fact, it was to include everything, if that were possible.

What does the author mean when he says, "position of hegemony that had few historical parallels"?

- A) America had no good history to be remembered B) America would win the IInd World War to become the super power
C) America would become one of the predominant countries, something which had not happened earlier
D) America would emerge a class conscious social group, which no country had ever been before

DIRECTIONS for the question : Read the passage and answer the question based on it.

Question No. : 21

In the real world, U.S. global planning has always been sophisticated and careful, as you'd expect from a major superpower with a highly centralized and class conscious dominant social group. Their power, in turn, is rooted in their ownership and management of the economy, as is the norm in most societies. During World War II, American planners were well aware that the United States was going to emerge as a world-dominant power, in a position of hegemony that had few historical parallels, and they organized and met in order to deal with this situation.

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essentially in the interests of this subordination to U.S. domestic needs. The Grand Area was also to include western and southern Europe and the oil-producing regions of the Middle East; in fact, it was to include everything, if that were possible.

The passage supports the following statements *except*

- A) a detailed planning was done for regions of the Grand Area
- B) America had always been a super power, even before the Second World War
- C) the Secretary of State was not part of the planning involved for the Grand Area.
- D) America's power lies in its ownership and management of the economy

DIRECTIONS for the question : Read the passage and answer the question based on it.

Question No. : 22

In the real world, U.S. global planning has always been sophisticated and careful, as you'd expect from a major superpower with a highly centralized and class conscious dominant social group. Their power, in turn, is rooted in their ownership and management of the economy, as is the norm in most societies. During World War II, American planners were well aware that the United States was going to emerge as a world-dominant power, in a position of hegemony that had few historical parallels, and they organized and met in order to deal with this situation.

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What led the planners to think of the Grand Area concept?

- A) The sheer talent of managing their economy well B) To fulfill certain US needs C) The need for imperialism
- D) Their intuition about America's rise after the Second World War

DIRECTIONS for the question : Read the passage and answer the question based on it.

Question No. : 23

In the real world, U.S. global planning has always been sophisticated and careful, as you'd expect from a major superpower with a highly centralized and class conscious dominant social group. Their power, in turn, is rooted in their ownership and management of the economy, as is the norm in most societies. During World War II, American planners were well aware that the United States was going to emerge as a world-dominant power, in a position of hegemony that had few historical parallels, and they organized and met in order to deal with this situation.

From 1939 to 1945, extensive studies were conducted by the Council on Foreign Relations and the State Department. One group was called the War-Peace Studies Group, which met for six years and produced extensive geopolitical analyses and plans. The Council on Foreign Relations is essentially the business input to foreign policy planning. These groups also involved every top planner in the State Department, with the exception of the Secretary of State. The conception that they developed is what they called "Grand Area" planning. The Grand Area was a region that was to be subordinated to the needs of the American economy. As one planner put it, it was to be the region that is "strategically necessary for world control." The geopolitical analysis held that the Grand Area had to include at least the Western Hemisphere, the Far East, and the former British Empire, which we were then in the process of dismantling and taking over ourselves. This is what is called "anti-imperialism" in American scholarship. Detailed plans were laid for particular regions of the Grand Area and also for international institutions that were to organize and police it, essentially in the interests of this subordination to U.S. domestic needs. The Grand Area was also to include western and southern Europe and the oil-producing regions of the Middle East; in fact, it was to include everything, if that were possible.

What could be the most suitable title for the passage?

- A) The Grand Area B) American Global Planning C) An Example of Anti-Imperialism
- D) The Making of the American Super Power

DIRECTIONS for the question : Read the passage and answer the question based on it.

Question No. : 24

The ability to negotiate successfully, to reach agreements with other people or parties, is a key skill in any business. This negotiation could be with a buyer or a seller and it almost always involves an element of compromise. But, when entering negotiations, you should always keep in mind that it is almost impossible to negotiate and make agreements successfully if you think you can't afford to 'lose' or walk away from what is on offer. This will result in your avoiding asking for anything more than what you think the other side will give without dispute, you become a passive observer with the other side dictating the terms. In most negotiations one side has more to offer than the other and proper planning can help minimize the effects of this imbalance. Decide on set limits for what you can offer before negotiations begin, as there are always advantages you can offer the other side and you clearly have benefits they want or need or they would not be negotiating with you. In fact, the buyer or seller often wants you more than you think, so it is to your advantage to try and see things from their point of view. The better you know their real needs or wants - not just the ones they have told you - the more successful they will be, and the less likely you are to fall into the trap of giving them more than you really need to. But it is also true that a concession they really need or will value from you won't cost you as much as it benefits them, and yet may still leave you with everything you want. If you know the other side must reach agreements on a deal by a certain date for financial reasons, your willingness to comply with that date could be worth a great deal of money to them, without costing you much, if anything at all. It is up to you to find out what the other side really needs.

According to the passage, which of the statement/statements is /are correct ?

- I. a feeling of 'you can't afford to lose' can prove to be an obstacle.
- II. in business there is always a sense of give and take.
- III. Business negotiations are always one-sided, with one party usually dominating.

A) I, II and III are correct B) I and II are correct C) II and III are correct D) I and III are correct

DIRECTIONS for the question : Read the passage and answer the question based on it.

Question No. : 25

The ability to negotiate successfully, to reach agreements with other people or parties, is a key skill in any business. This negotiation could be with a buyer or a seller and it almost always involves an element of compromise. But, when entering negotiations, you should always keep in mind that it is almost impossible to negotiate and make agreements successfully if you think you can't afford to 'lose' or walk away from what is on offer. This will result in your avoiding asking for anything more than what you think the other side will give without dispute, you become a passive observer with the other side dictating the terms. In most negotiations one side has more to offer than the other and proper planning can help minimize the effects of this imbalance. Decide on set limits for what you can offer before negotiations begin, as there are always advantages you can offer the other side and you clearly have benefits they want or need or they would not be negotiating with you. In fact, the buyer or seller often wants you more than you think, so it is to your advantage to try and see things from their point of view. The better you know their real needs or wants - not just the ones they have told you - the more successful they will be, and the less likely you are to fall into the trap of giving them more than you really need to. But it is also true that a concession they really need or will value from you won't cost you as much as it benefits them, and yet may still leave you with everything you want. If you know the other side must reach agreements on a deal by a certain date for financial reasons, your willingness to comply with that date could be worth a great deal of money to them, without costing you much, if anything at all. It is up to you to find out what the other side really needs.

It can be inferred from the passage that

- A) one can give in, yet can get whatever you want B) it is good to be a passive observer
C) it is unnecessary to see the other's point of view D) planning can pose a barrier to negotiations

DIRECTIONS for the question : Read the passage and answer the question based on it.

Question No. : 26

The ability to negotiate successfully, to reach agreements with other people or parties, is a key skill in any business. This negotiation could be with a buyer or a seller and it almost always involves an element of compromise. But, when entering negotiations, you should always keep in mind that it is almost impossible to negotiate and make agreements successfully if you think you can't afford to 'lose' or walk away from what is on offer. This will result in your avoiding asking for anything more than what you think the other side will give without dispute, you become a passive observer with the other side dictating the terms. In most negotiations one side has more to offer than the other and proper planning can help minimize the effects of this imbalance. Decide on set limits for what you can offer before negotiations begin, as there are always advantages you can offer the other side and you clearly have benefits they want or need or they would not be negotiating with you. In fact, the buyer or seller often wants you more than you think, so it is to your advantage to try and see things from their point of view. The better you know their real needs or wants - not just the ones they have told you - the more successful they will be, and the less likely you are to fall into the

trap of giving them more than you really need to. But it is also true that a concession they really need or will value from you won't cost you as much as it benefits them, and yet may still leave you with everything you want. If you know the other side must reach agreements on a deal by a certain date for financial reasons, your willingness to comply with that date could be worth a great deal of money to them, without costing you much, if anything at all. It is up to you to find out what the other side really needs.

According to the passage,

- A) there is usually an imbalance in business negotiations B) there need not necessarily be a compromise in a business deal
C) in a good negotiation one side always dictates the terms D) a concession might cost you

DIRECTIONS for the question : Read the passage and answer the question based on it.

Question No. : 27

The ability to negotiate successfully, to reach agreements with other people or parties, is a key skill in any business. This negotiation could be with a buyer or a seller and it almost always involves an element of compromise. But, when entering negotiations, you should always keep in mind that it is almost impossible to negotiate and make agreements successfully if you think you can't afford to 'lose' or walk away from what is on offer. This will result in your avoiding asking for anything more than what you think the other side will give without dispute, you become a passive observer with the other side dictating the terms. In most negotiations one side has more to offer than the other and proper planning can help minimize the effects of this imbalance. Decide on set limits for what you can offer before negotiations begin, as there are always advantages you can offer the other side and you clearly have benefits they want or need or they would not be negotiating with you. In fact, the buyer or seller often wants you more than you think, so it is to your advantage to try and see things from their point of view. The better you know their real needs or wants - not just the ones they have told you - the more successful they will be, and the less likely you are to fall into the trap of giving them more than you really need to. But it is also true that a concession they really need or will value from you won't cost you as much as it benefits them, and yet may still leave you with everything you want. If you know the other side must reach agreements on a deal by a certain date for financial reasons, your willingness to comply with that date could be worth a great deal of money to them, without costing you much, if anything at all. It is up to you to find out what the other side really needs.

According to the passage, all of the following are not true, *except*

- A) knowing the need of the other side can pose a problem B) the other side needs you more than you think
C) negotiations happen when you fall into their trap D) avoid asking for anything to arrest disputes

DIRECTIONS for the question: A sentence is divided into four parts. Choose the part that is/are grammatically incorrect.

Question No. : 28

- A) The hardy colonist, and the trained European who fought at his side,
B) frequently expended months in struggling against the rapid of the streams,
C) or in effecting the rugged passes of the mountains,
D) in quest of an opportunity to exhibit their courage in a more martial conflict

DIRECTIONS for the question: A sentence is divided into four parts. Choose the part that is/are grammatically incorrect.

Question No. : 29

- A) She smiled, as if in pity at her own momentary forgetfulness,
B) discovering by the act a row of teeth that would have shamed the purest ivory,
C) when, replacing the veil, she bowed her face, and rode in silence,
D) like one whose thoughts were abstract from the scene around her

DIRECTIONS for the question: A sentence is divided into four parts. Choose the part that is/are grammatically incorrect.

Question No. : 30

- A) It is impossible to say what unlooked-for remark, B) this short and silent communication, between two such singular men,
C) might have elicited from the white man, D) had not his active curiosity been again drawn to other objects

DIRECTION for the question: Answer the question based on the information given in the passage.

Question No. : 31

The Roman Emperor was in the wrong who ordered one of his subjects executed because the latter dreamt that he had killed the

Emperor. He should first have endeavoured to discover the significance of the dream. And even if a dream of different content had the significance of this offense against, majesty, he should have remembered that the virtuous man contents himself with dreaming that which the wicked man does in actual life.

Which of the following best captures the essence of the passage?

- A) The content of dreams corresponds to harmless psychic states and does not constitute reality
- B) The content of dreams corresponds to harmful psychic states and does not constitute reality but only a release mechanism for a man to feel better
- C) The content of dreams corresponds to harmless psychic states and does not constitute reality but only a release mechanism for man to feel better
- D) The content of dreams does not correspond to psychic states and does not constitute reality but only a release mechanism for a man to feel better

DIRECTION for the question: Answer the question based on the information given in the passage.

Question No. : 32

By this work "light would be thrown on the origin of man and his history;" and this implies that man must be included with other organic beings in any general conclusion respecting his manner of appearance on this Earth. Now the case wears a wholly different aspect.

Which of the following best captures the essence of the passage?

- A) Man must be included with other organic beings in any general conclusion respecting his manner of appearance on this Earth
- B) Man must be included with other organic beings
- C) Man need not be included with other inorganic beings in any general conclusion respecting his manner of appearance on this Earth
- D) Man must be excluded from other organic beings in any general conclusion respecting his manner of appearance on this Earth

DIRECTION for the question: The question has a text portion followed by four alternative summaries. Choose the option that best captures the essence of the text.

Question No. : 33

The sole object of this work is to consider, first, whether man, like every other species, is descended from some pre-existing form; secondly, the manner of his development; and thirdly, the value of the differences between the so-called races of man, Which of the following best captures the essence of the passage?

- A) The work seems to locate whether man is descended from some pre-existing form
- B) The work seems to locate whether man is descended from gods, the manner of his development, and the value of the differences between the so-called races of mammals
- C) The work will not locate whether man is descended from some pre-existing form, but the manner of his development
- D) The work seems to locate whether man is descended from some pre-existing form, the manner of his development, and the value of the differences between the so-called races of man

DIRECTION for the question: The question has a text portion followed by four alternative summaries. Choose the option that best captures the essence of the text.

Question No. : 34

The sense of smell is of the highest importance to the greater number of mammals. But the sense of smell is of extremely slight service, if any, even to the dark coloured races of men, in whom it is much more highly developed than in the white and civilised races. M. Houzeau asserts that he repeatedly made experiments, and proved that Negroes and Indians could recognise persons in the dark by their odour.

Which of the following best captures the essence of the above passage?

- A) Sense of smell, as experiments have shown, is directly related to the colour of the skin and the darker the skin, the greater the sense will be
 - B) Sense of smell, as experiments have shown, is directly related to the colour of the skin and the darker the skin, the lesser the sense will be
 - C) Sense of smell, as experiments have shown, is not related to the colour of the skin at all
 - D) Sense of smell, theory suggests, is directly related to race and the darker the skin, the lesser the sense will be
-

DIRECTIONS for the question: Choose an option, which can be substituted for a given word/sentence/phrase out of given options.

Question No. : 35

To form a plot or scheme, especially one to do something wrong or wicked, or designed to cause harm.

- A) Machinate B) Manage C) Machete D) Fatal

DIRECTIONS for the question: Choose an option, which can be substituted for a given word/sentence/phrase out of given options.

Question No. : 36

A place or state of uncontrollable confusion or destructive forces, especially one to which someone or something is inevitably drawn.

- A) Maelstrom B) Megilp C) Senate house D) Magistral

DIRECTIONS for the question: Choose an option, which can be substituted for a given word/sentence/phrase out of given options.

Question No. : 37

Very high-spirited; full of cheerfulness or enthusiasm.

- A) Eccentric B) Eburnean C) Sporting D) Ebullient

DIRECTIONS for the question: Pick the best option which completes the sentence in the most meaningful manner.

Question No. : 38

We _____ to inform you that we cannot include your thesis in our library, on the _____ of not receiving permission from your supervisor.

- A) saddened, reason B) lament, pretext C) repent, justification D) regret, grounds

DIRECTIONS for the question: Pick the best option which completes the sentence in the most meaningful manner.

Question No. : 39

When her illness took a turn for the worse, the doctors took _____ to _____ the situation.

- A) steps, ameliorate B) approaches, better C) modes, improve D) measures, enhance

DIRECTIONS for the question: Pick the best option which completes the sentence in the most meaningful manner.

Question No. : 40

The public relations agency _____ out all the stops to ensure a _____ attendance at the gala.

- A) gave, phenomenal B) took, marvelous C) toiled, considerable D) forked, staggering

Section : Reasoning

DIRECTIONS for the question: Read the information given below and answer the question that follows.

Question No. : 41

A sports week was organized in an institute from 9th to 16th of a month, 9th being a Wednesday. During this period, various sports were organized like cricket, badminton, table-tennis, kabaddi, hockey and football and they were played, one game being played on each day. The following conditions had to be complied with.

- Hockey was not played on the closing day i.e. on 16th.
- Table-tennis was played on the previous day of the cricket game.
- Football was not played either on Wednesday or Saturday.
- No game was played on Thursday and Sunday.
- Kabaddi was played on Monday.
- There was a gap of 2 days between cricket and football.

The sports week started with which game?

A) Table-tennis B) Hockey C) Cricket D) Badminton

DIRECTIONS for the question: Read the information given below and answer the question that follows.

Question No. : 42

A sports week was organized in an institute from 9th to 16th of a month, 9th being a Wednesday. During this period, various sports were organized like cricket, badminton, table-tennis, kabaddi, hockey and football and they were played, one game being played on each day. The following conditions had to be complied with.

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- Table-tennis was played on the previous day of the cricket game.
- Football was not played either on Wednesday or Saturday.
- No game was played on Thursday and Sunday.
- Kabaddi was played on Monday.
- There was a gap of 2 days between cricket and football.

How many days gap is there between the game of hockey and football?

A) Three B) Five C) Four D) Two

DIRECTIONS for the question: Read the information given below and answer the question that follows.

Question No. : 43

A sports week was organized in an institute from 9th to 16th of a month, 9th being a Wednesday. During this period, various sports were organized like cricket, badminton, table-tennis, kabaddi, hockey and football and they were played, one game being played on each day. The following conditions had to be complied with.

- Hockey was not played on the closing day i.e. on 16th.
- Table-tennis was played on the previous day of the cricket game.
- Football was not played either on Wednesday or Saturday.
- No game was played on Thursday and Sunday.
- Kabaddi was played on Monday.
- There was a gap of 2 days between cricket and football.

Which pair of games was played on Wednesdays?

A) Cricket and tennis B) Hockey and badminton C) Football and cricket D) Hockey and cricket

DIRECTIONS for the question: Read the information given below and answer the question that follows.

Question No. : 44

There are four friends namely Akshay, Bhushan, Chanderjeet and Dhiraj. Each person plays one outdoor game and has one hobby related to fine arts.

- Two persons are interested in cricket while the other two like to play hockey.
- Two of these four persons are painters, one is a singer and the fourth one is a dancer.
- Akshay is neither a painter nor a hockey player.
- Bhushan does not dance.
- The one who likes dancing, plays hockey.
- Bhushan and Dhiraj don't play cricket.

Who amongst the following plays cricket and is interested in painting?

A) Akshay B) Chanderjeet C) Bhushan D) Dhiraj

DIRECTIONS for the question: Read the information given below and answer the question that follows.

Question No. : 45

There are four friends namely Akshay, Bhushan, Chanderjeet and Dhiraj. Each person plays one outdoor game and has one hobby related to fine arts.

- Two persons are interested in cricket while the other two like to play hockey.
- Two of these four persons are painters, one is a singer and the fourth one is a dancer.
- Akshay is neither a painter nor a hockey player.
- Bhushan does not dance.
- The one who likes dancing, plays hockey.
- Bhushan and Dhiraj don't play cricket.

Who among the following is a singer?

A) Dhiraj B) Akshay C) Chanderjeet D) Bhushan

DIRECTIONS for the question: Read the information given below and answer the question that follows.

Question No. : 46

There are four friends namely Akshay, Bhushan, Chanderjeet and Dhiraj. Each person plays one outdoor game and has one hobby related to fine arts.

- Two persons are interested in cricket while the other two like to play hockey.
- Two of these four persons are painters, one is a singer and the fourth one is a dancer.
- Akshay is neither a painter nor a hockey player.
- Bhushan does not dance.
- The one who likes dancing, plays hockey.
- Bhushan and Dhiraj don't play cricket.

Which pair shows the correct relationship of the game and fine arts hobby of Dhiraj?

A) Cricket, singing B) Hockey, dancing C) Cricket, dancing D) Cricket, painting

DIRECTIONS for the question: Read the information given below and answer the question that follows.

Question No. : 47

Piyush, Kadir Khan, Rajeev, Sunanda, Trilochan and Urvashi are six members of a family. Each one is engaged in a different profession i.e., Doctor, Lawyer, Teacher, Engineer, Nurse and a Banker.

- Each one of them remains at home on a different day of the week from Monday to Saturday.
- The lawyer in the family stays at home on Thursday.
- Rajeev stays at home on Tuesday.
- Piyush, a doctor, does not remain at home either on Wednesday or Saturday.
- Sunanda is neither a lawyer nor the teacher, but she remains at home on Friday.
- Kadir Khan is the engineer.
- Trilochan is the bank manager.

Who is the nurse in the family?

A) Sunanda B) Piyush C) Urvashi D) Trilochan

DIRECTIONS for the question: Read the information given below and answer the question that follows.

Question No. : 48

Piyush, Kadir Khan, Rajeev, Sunanda, Trilochan and Urvashi are six members of a family. Each one is engaged in a different profession i.e., Doctor, Lawyer, Teacher, Engineer, Nurse and a Banker.

- Each one of them remains at home on a different day of the week from Monday to Saturday.
- The lawyer in the family stays at home on Thursday.

- Rajeev stays at home on Tuesday.
- Piyush, a doctor, does not remain at home either on Wednesday or Saturday.
- Sunanda is neither a lawyer nor the teacher, but she remains at home on Friday.
- Kadir Khan is the engineer.
- Trilochan is the bank manager.

Who among them stays at home on the following day on which Rajeev stays at home?

- A) Kadir Khan B) Sunanda C) Kadir Khan or Trilochan D) Urvashi

DIRECTIONS for the question: Read the information given below and answer the question that follows.

Question No. : 49

Piyush, Kadir Khan, Rajeev, Sunanda, Trilochan and Urvashi are six members of a family. Each one is engaged in a different profession i.e., Doctor, Lawyer, Teacher, Engineer, Nurse and a Banker.

- Each one of them remains at home on a different day of the week from Monday to Saturday.
- The lawyer in the family stays at home on Thursday.
- Rajeev stays at home on Tuesday.
- Piyush, a doctor, does not remain at home either on Wednesday or Saturday.
- Sunanda is neither a lawyer nor the teacher, but she remains at home on Friday.
- Kadir Khan is the engineer.
- Trilochan is the bank manager.

Which of the following combinations is correct?

- A) Rajeev – Teacher B) Sunanda - Nurse C) Urvashi – Thursday D) All are correct

DIRECTION for the question: Answer the question based on the information given in the passage.

Question No. : 50

When your smoking father, relative or a friend comes close to give you a hug or a kiss, push him away because a smoker's kiss could be deadly. According to Professor Robert Booy, Director of Research at the National Centre for Immunization and Research at Sydney's Children Hospital, smokers are the prime carriers of potentially deadly meningococcus bacteria in their mouth. Smokers generally carry more of these dangerous germs which they easily pass on to others when they kiss them. Booy is of the opinion that infants and small children, if infected with this deadly meningococcal disease, can even die due to it.

Which of the following is **not** in consonance with the contents of the passage?

- A) As per Booy's research, 92% of New South Wales residents aged over 16 have become so much aware of the serious effects of smoking and meningococcus bacteria that they have started living in smoking-free houses now. None in the house can smoke to passively affect others
- B) The other symptoms of meningococcal disease may include sudden onset of fever, severe headaches, drowsiness, sore joints, nausea, vomiting, a dislike of bright lights, a stiff neck and a rash of red-purple spots. One must consult the doctor in such a situation
- C) Many parents who smoked are now going outside the house to indulge in smoking and this reduces a child's risk of passive smoking. Many of the problems of ear and eye infection, asthma or even sudden infant death syndrome are on the decrease after the research findings were made public
- D) Those who are used to smoking and can't give up this habit, may continue to enjoy smoking but should refrain from kissing their family members especially small children and infants, so that they don't pass on this deadly bacteria to them

DIRECTION for the question: Answer the question based on the information given in the passage.

Question No. : 51

A simple blood test that can detect a cancer before a tumour has taken shape has been developed by British scientists. Described as offering a paradigm shift in cancer diagnosis, the test, to be introduced in Britain by early next year - is the first to identify accurately the signals sent out by a person's immune system as cancer germinates. According to the research, such signals can be detected up to 5 years before a tumour is spotted, prompting doctors to intervene at the earliest moment when a solid cancer appears. The brainchild of scientists at the University of Nottingham, is a company called Oncimmune, which uses a technology to find out how the immune system responds to the first molecular signs of cancer development.

Which of the following is **not** in consonance with the contents of the passage?

- A) Cancerous cells produce small amounts of proteins called antigens which prompt the immune system to produce large amounts of auto antibodies. Scientists can now follow this activity with just 10 ml of a patient's blood sample
- B) "We are starting to understand carcinogenesis in a way that we have never seen before - seeing which proteins are going wrong, and how the immune system responds. It is as if our body is shouting 'I have got cancer,' way before a tumour can be detected." - said John Robertson
- C) John Robertson, a breast cancer specialist who led the research, said, "the earliest cancer we have seen is a cancer that has been screen detected, and yet biologically, it is late in the road of cancer development. Now it is the blood sample which will detect the propagation of this disease"
- D) But the other investigation tools will have to be used to know the exact location of the cancerous part and its intensity. The effect of the cancerous part on the critical parts of the body in the neighbourhood of the affected area will also have to be studied

DIRECTION for the question: Answer the question based on the information given in the passage.

Question No. : 52

Delhi is producing close to 7500 tonnes of solid waste per day, an amount which is expected to go up to around 14,300 tonnes by 2021. The state of environment report says that even if a reasonable amount of this waste is collected and disposed of, it will require an 800 hectare landfill site. However, if segregation and treatment of waste is done, properly, only 5 - 10% of the waste will have to be disposed of, the report says. "The most acceptable strategy for solid waste management in Delhi will be to categorize waste streams as biodegradable, re-cyclable and inert matter to maximize recovery and minimize quantity of waste generation." According to the report, municipal solid waste management is in a mess. The three landfill sites have long been exhausted but no workable plan to replace them is in place. The report also suggests that relatively affluent zones generate about 40% organic waste which hints at wasteful habits of residents there. The city also produces around 5000 tonnes of hazardous waste per year. Though some of it comes from the sludge at common effluent treatment plants; most of it is generated at dyeing and pickling units and electroplating factories. This waste often finds its way to the municipal solid waste dumps, posing a hazard not just to the environment but also to humans.

Which of the following is **not** in consonance with the contents of the passage?

- A) Delhi has no hazardous waste management facility and it has led to 23 illegal hazardous waste sites in the city
- B) Electronic waste is another headache for the capital. Delhi is the second largest generator of e-waste in the country at nearly 9.7 tonnes per annum
- C) Biomedical waste from hospitals, which is highly infectious, is generated, on an average, to the tune of 10 tonnes per day, which is again treated at common waste disposal facilities
- D) Hazardous waste should be better managed by relocating the industrial units to the specified conforming areas and preparing an elaborate inventory of the waste and its appropriate disposal

DIRECTION for the question: Answer the question based on the information given in the passage.

Question No. : 53

The new research has cast doubts on the warnings that rising sea levels caused by climate change are slowly inundating low-lying Pacific islands. The scientists have studied 27 low-lying Pacific islands, comparing the aerial photos from 60 years ago with modern satellite images, according to a recent research. Paul Kench of the University of Auckland in New Zealand and Arthur Webb at the South Pacific Applied Geoscience Commission in Fiji have found that only four out of the 27 islands have declined in size despite an average rise in sea level by 12 cm during the 60 years period. Half of the rest remained the same size while the other half of the islands had increased in size during this period. Kench says — "it is clear that islands respond in different ways to climate changes and rising sea levels. There is no one model that fits into all kinds of scenarios. It was important to have a sensible debate over the impact of climate change rather than just saying the sea level is going up and the islands must all disappear."

Which of the following is **not** in consonance with the contents of the passage?

- A) The study shows that some islands are growing because waves, currents and winds are pushing coral debris from the surrounding reefs onto the shore
- B) The study found seven islands having grown in area by more than 3% on an average since the 1950s with one island expanding nearly by 30%
- C) Although the study involved only the land area, Kench says his previous researchers had shown that cyclones and storms — which are predicted to become more frequent with climate change — also often played an important role in increasing the heights of the islands
- D) The study is very important and relevant but not very reliable. The modern methods of taking the aerial views and measurement of these islands through satellite images is far more accurate and comparing them with 60 years old conventional maps is not logical. We may compare today's results with new data taken after 5-10 years and then draw conclusions

DIRECTION for the question: Answer the question based on the information given in the passage.

Question No. : 54

The Union Environmental Ministry proposes to set up an autonomous regulatory body to reform the environmental clearance mechanism and strengthen enforcement of environmental laws. With the National Green Tribunal in place, the Ministry has come up with the proposal to strengthen environmental governance in the country by establishing an independent regulator. The Jairam Ramesh-led Ministry's proposed National Environment Protection Authority (NEPA) is expected to be an autonomous, professional, science-based licensing and monitoring agency. Once the authority takes shape, the Ministry will transfer its clearance functions and focus more on policy issues. The only exception will be the projects of strategic importance (like nuclear projects) which may need the Ministry's final approval. In its draft proposals under discussion, the Ministry proposes 'NEPA' to be focused exclusively on the grant of environmental and coastal zone clearances.

Which of the following is **not** in consonance with the contents of the passage?

- A) NEPA, which will include National Coastal Zone Management Authority, will undertake scientific studies like capacity for industrial units & coastal zone planning. It will monitor conditions associated with clearances & initiate enforcement actions in case of violations
- B) Aiming to infuse professionalism, the authority to be established on the lines of TRAP and accountable to Parliament, will have a governing body comprising scientists, lawyers and economists to ensure a multi-disciplinary approach to environment protection
- C) The Central Regulatory Authority, to be set up by amending the Environment Protection Act (EPA), 1986 will also develop uniform guidelines on compliance and enforcement. Under the proposal, the Central Pollution Control Board will also be strengthened
- D) The penalties for violation of environment laws, provided under 'EPA' are very low. The Ministry must enhance them substantially so that these have a deterrent effect on the violators; otherwise the entire purpose of having this regulatory body will be defeated

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 55

Raja is the son of Varun's father's sister. Sameer is the son of Ganga, who is the mother of Jai and the grandmother of Varun. Nitin is the father of Varsha and the grandfather of Raja. Ganga is the wife of Nitin. How is Raja related to Ganga?

- A) Son B) Grandson C) Nephew D) Data inadequate

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 56

While going to his office Tejveer meets Rakesh who is related to Tejveer because Tejveer is Deepak's father who is married to Garima. Garima is the daughter of Rakesh. Garima has a daughter named Isha. How is Tejveer related to Isha?

- A) Uncle B) Father-in-law C) Grandfather D) Grandmother

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 57

Pointing to a lady in a photograph, Dev said, "This woman is my sister's father's son-in-law's wife." How is Dev related to the woman?

- A) Wife B) Sister C) Mother D) Can't say

DIRECTIONS for the question: Read the information given below and answer the question that follows.

Question No. : 58

5 friends L, M, N, R and S are standing in a row facing north, not necessarily in the same order.

- Only M is between L and S.
- N is to the immediate right of S.

- R is to the immediate left of L.

Who is occupying the middle position in the row?

A) L B) M C) S D) R

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 59

Hemant walks from his house and moves 4 metres towards North. He turns 90° to his right and moves 3 metres. He takes another 90° turn to the right and walks 1 metre. From here Hemant turns 90° to the left and moves for another 1 metre. He finally turns 90° to the right and moves for another 3 metres, his final destination. What is the distance between the starting and destination points?

A) 4 metres B) 7 metres C) 5 metres D) 8 metres

DIRECTIONS for the question: Read the information given below and answer the question that follows.

Question No. : 60

Five persons are standing in a line facing north in a ceremony. One of the two persons standing at the extreme ends is a General Manager and the other one is a Senior Manager. The Deputy General Manager is standing to the right of the Assistant General Manager. A Deputy Manager is to the left of the Senior Manager. The Assistant General Manager is standing between the General Manager, and the Deputy General Manager. Counting from the left, what is the position of the Deputy General Manager?

A) First B) Third C) Second D) Fifth

DIRECTIONS for the question: In the question given below, there are two statements labeled as Assertion (A) and Reason (R). Mark your answer as:

Question No. : 61

Assertion (A) : Students should have a clear-cut objective of their future.

Reason (R) : Students should be focused and committed to achieve their goal in life.

A) if both (A) and (R) are true and (R) is the correct explanation of (A) B) if (A) is true but (R) is false
C) if both (A) and (R) are true but (R) is not the correct explanation of (A) D) if (A) is false but (R) is true

DIRECTIONS for the question: In the question given below, there are two statements labeled as Assertion (A) and Reason (R). Mark your answer as:

Question No. : 62

Assertion (A) : One who does not plan one's future, plans for failure.

Reason (R) : Failure is the pillar of success.

A) if both (A) and (R) are true and (R) is the correct explanation of (A) B) if (A) is true but (R) is false
C) if both (A) and (R) are true but (R) is not the correct explanation of (A) D) if (A) is false but (R) is true

DIRECTIONS for the question: In the question given below, there are two statements labeled as Assertion (A) and Reason (R). Mark your answer as:

Question No. : 63

Assertion (A) : Students should have a definite time-table for preparing for an exam.

Reason (R) : To do well in an exam, one must prepare in a planned manner.

Choose the correct option:

- A) if both (A) and (R) are true and (R) is the correct explanation of (A) B) if (A) is true but (R) is false
C) if both (A) and (R) are true but (R) is not the correct explanation of (A) D) if (A) is false but (R) is true

DIRECTIONS for the question: In the question given below, there are two statements labeled as Assertion (A) and Reason (R). Mark your answer as:

Question No. : 64

Assertion (A) : As we go higher up in the mountains, the atmospheric pressure decreases.

Reason (R) : The air at higher altitudes, is comparatively pure.

- A) if both (A) and (R) are true and (R) is the correct explanation of (A) B) if (A) is true but (R) is false
C) if both (A) and (R) are true but (R) is not the correct explanation of (A) D) if (A) is false but (R) is true

DIRECTIONS for the question: What should come in place of question mark (?) in the following number/alphabetic series?

Question No. : 65

XZ 16 BD, FH 64 JL, NP 144 RT, VX 256 ZB,?

- A) DF 400 HJ B) DE 400 HJ C) DF 515 HJ D) DF 324 HJ

DIRECTIONS for the question: What should come in place of question mark (?) in the following number/alphabetic series?

Question No. : 66

15 ABC 28, 18 DEF 32, 21 GHI 36,?, 27 MNO 44

- A) 23 JKL 38 B) 25 JKL 42 C) 24 JKL 40 D) 26 JKL 43

DIRECTIONS for the question: What should come in place of question mark (?) in the following number/alphabetic series?

Question No. : 67

AL20, CQ28, FU40, JX56,?

- A) HZ68 B) OZ76 C) LM86 D) FZ68

DIRECTIONS for the question: What should come in place of question mark (?) in the following number/alphabetic series?

Question No. : 68

A3T, D7R, G16P, J35N, M74L,?

- A) R126P B) P153J C) N102L D) Q163R

DIRECTIONS for the question: What should come in place of question mark (?) in the following number/alphabetic series?

Question No. : 69

2	6	16
3	7	20
8	11	?

- A) 38 B) 24 C) 27 D) None of these

DIRECTIONS for the question: After a few statements, conclusion/conclusions is/are given. Mark your answer as

Question No. : 70

Statement:

There has been an unprecedented increase in the prices of essential commodities like vegetables, pulses, fruits, sugar, milk, wheat, etc., and increase in the prices of diesel and petrol has further aggravated the situation this year.

Conclusions:

- I. The supply and demand must match and government must arrest the hoarders and middlemen who are creating an artificial scarcity of these essential items.
- II. The items in short supply can be imported and their indigenous production be increased.

Choose the correct option:

- A) if conclusion I follows B) if neither conclusion I follows nor II follows C) if conclusion II follows
- D) if both conclusions I and II follow

DIRECTIONS for the question: After a few statements, conclusion/conclusions is/are given. Mark your answer as

Question No. : 71

Statement:

The Reserve Bank of India has, on 20.3.2010, increased the Repo Rate by 25 basis points to 50.

Conclusions:

- I. This will surely anchor inflation.
- II. The banks will now raise the lending rates.

Choose the correct option:

- A) if conclusion I follows B) if neither conclusion I follows nor II follows C) if conclusion II follows
- D) if both conclusions I and II follow

DIRECTIONS for the question: After a few statements, conclusion/conclusions is/are given. Mark your answer as

Question No. : 72

Statement:

Our parliamentary system is not very successful because most of our countrymen cast their votes based on caste and religion.

Conclusions:

- I. Only educated and principled persons should be given the right to vote.
- II. We need, to create an awareness in our people to rise above caste and religion at the time of casting their vote.

Choose the correct option:

- A) if conclusion I follows B) if neither conclusion I follows nor II follows C) if conclusion II follows
- D) if both conclusions I and II follow

DIRECTIONS for the question: After a few statements, conclusion/conclusions is/are given. Mark your answer as

Question No. : 73

Statement:

Against the backdrop of surging inflation, the Union Cabinet in March 2010 has decided to increase the Dearness Allowance for Central Government employees and pensioners by 8% with effect from January 2010.

Conclusions :

- I. This will provide some relief to the Central Government employees and pensioners against the surging inflation.
- II. Increase in Dearness Allowance will neutralize, to some extent, increase in the cost of living.

Choose the correct option:

- A) if conclusion I follows B) if neither conclusion I follows nor II follows C) if conclusion II follows
- D) if both conclusions I and II follow

DIRECTIONS for the question: After a few statements, conclusion/conclusions is/are given. Mark your answer as

Question No. : 74

Statement:

Some people in this country want the President to be more than a figurehead and to take more active interest in national politics.

Conclusions:

- I. In a parliamentary democracy, the President has to be content with a more or less passive role.
- II. The President, under the provisions of the Constitution, is bound by the advice of the Council of Ministers and so he or she should not come into conflict with the Ministry or Parliament.

Choose the correct option:

- A) if conclusion I follows B) if neither conclusion I follows nor II follows C) if conclusion II follows
D) if both conclusions I and II follow

DIRECTIONS for the question: Read the information given below and answer the question that follows.

Question No. : 75

There is an office block for six officers namely Anil, Brijendar, Chander, Dharmendar, Elexander and Farmaan. The three offices are on to the left hand side of the entry point in a row and another three on the right hand side of the entry gate in a row. In between these two rows of offices, there is a corridor and all these offices have the doors opening towards the corridor.

- Both Brijendar and Chander have their offices to the right of the corridor (as one enters the office block) and Anil occupies an office to the left of the corridor.
- Elexandar and Farmaan occupy offices on opposite sides of the corridor but their offices don't face each other.
- The offices of Chander and Dharmendar face each other.
- Elexandar does not have a corner office. Farmaan's office is further down the corridor than Anil's but on the same side.

If Elexandar sits in his office facing the corridor, whose office is to his left?

- A) Chander B) Brijendar C) Anil D) Dharmendar

DIRECTIONS for the question: Read the information given below and answer the question that follows.

Question No. : 76

There is an office block for six officers namely Anil, Brijendar, Chander, Dharmendar, Elexander and Farmaan. The three offices are on to the left hand side of the entry point in a row and another three on the right hand side of the entry gate in a row. In between these two rows of offices, there is a corridor and all these offices have the doors opening towards the corridor.

- Both Brijendar and Chander have their offices to the right of the corridor (as one enters the office block) and Anil occupies an office to the left of the corridor.
- Elexandar and Farmaan occupy offices on opposite sides of the corridor but their offices don't face each other.
- The offices of Chander and Dharmendar face each other.
- Elexandar does not have a corner office. Farmaan's office is further down the corridor than Anil's but on the same side.

Who is/are Farmaan's immediate neighbour(s)?

- A) Anil and Chander B) Anil only C) Chander only D) Dharmendar only

DIRECTIONS for the question: Read the information given below and answer the question that follows.

Question No. : 77

There is an office block for six officers namely Anil, Brijendar, Chander, Dharmendar, Elexander and Farmaan. The three offices are on to the left hand side of the entry point in a row and another three on the right hand side of the entry gate in a row. In between these two rows of offices, there is a corridor and all these offices have the doors opening towards the corridor.

- Both Brijendar and Chander have their offices to the right of the corridor (as one enters the office block) and Anil occupies an office to the left of the corridor.
- Elexandar and Farmaan occupy offices on opposite sides of the corridor but their offices don't face each other.
- The offices of Chander and Dharmendar face each other.
- Elexandar does not have a corner office. Farmaan's office is further down the corridor than Anil's but on the same side.

Dharmendar was heard telling someone to go further down the corridor to the last office on the right side. To whose office room was he trying to direct that person?

- A) Anil B) Brijendar C) Chander D) Elexandar

DIRECTIONS for the question: Read the information given below and answer the question that follows.

Question No. : 78

Five Indian cities namely 'A', 'B', 'C', 'D', and 'E' are famous for their lovely gardens, fancy jewellery, educational institutes, blue pottery and scents, but not in the same order. Each city is famous for one of the five important features mentioned above.

- 'A' and 'C' are not famous for either educational institutes or gardens.
- 'B' and 'E' are neither famous for jewellery nor scents.
- Scents and jewellery have nothing to do with 'A'.
- 'D' and 'E' are not famous for gardens and jewellery.
- 'D' is not famous for educational institutes.

Which of the following cities is famous for lovely gardens?

A) A B) B C) C D) D

DIRECTIONS for the question: Read the information given below and answer the question that follows.

Question No. : 79

Five Indian cities namely 'A', 'B', 'C', 'D', and 'E' are famous for their lovely gardens, fancy jewellery, educational institutes, blue pottery and scents, but not in the same order. Each city is famous for one of the five important features mentioned above.

- 'A' and 'C' are not famous for either educational institutes or gardens.
- 'B' and 'E' are neither famous for jewellery nor scents.
- Scents and jewellery have nothing to do with 'A'.
- 'D' and 'E' are not famous for gardens and jewellery.
- 'D' is not famous for educational institutes.

Which city has become famous for blue pottery?

A) C B) A C) B D) D

DIRECTIONS for the question: Read the information given below and answer the question that follows.

Question No. : 80

Five Indian cities namely 'A', 'B', 'C', 'D', and 'E' are famous for their lovely gardens, fancy jewellery, educational institutes, blue pottery and scents, but not in the same order. Each city is famous for one of the five important features mentioned above.

- 'A' and 'C' are not famous for either educational institutes or gardens.
- 'B' and 'E' are neither famous for jewellery nor scents.
- Scents and jewellery have nothing to do with 'A'.
- 'D' and 'E' are not famous for gardens and jewellery.
- 'D' is not famous for educational institutes.

City 'E' is famous for which of the following?

A) Jewellery B) Lovely Gardens C) Scents D) Educational Institutes

Section : Quant

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 81

A school room is to be built to accommodate 70 children, so as to allow 2.2 m^2 of floor and 11 m^3 of space for each child. If the room be 14 metres long, what must be its breadth and height?

A) 12 & 5.5 metres B) 13 & 6 metres C) 11 & 5 metres D) 11 & 4 metres

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 82

Two pipes P and Q can fill a cistern in 3 and 6 minutes respectively, while an empty pipe R can empty the cistern in 4 minutes. All the three pipes are opened together and after 2 minutes pipe R is closed. Find when the tank will be full.

- A) 3 minutes B) 6 minutes C) 5 minutes D) 8 minutes
-

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 83

There is a leak in the bottom of a cistern. Before the leak, it could be filled in $4\frac{1}{2}$ hours. It now takes $\frac{1}{2}$ hour longer. If the cistern is full, in how much time would the leakage empty the full cistern?

- A) 23 hours B) 35 hours C) 52 hours D) 45 hours
-

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 84

Two filling pipes A and B can fill a tank in 30 and 20 hours respectively. Pipe B alone is kept open for half the time and both pipes are kept open for the remaining time. In how many hours, will the tank be completely full?

- A) 25 hours B) 40 hours C) 15 hours D) 28 hours
-

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 85

The average speed of a train without stoppages is 40 kmph and average speed with stoppages is 32 kmph. How many minutes in an hour the train stops on an average ?

- A) 15 min B) 12 min C) 20 min D) 5 min
-

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 86

The average speed of a train is 20% less on the return journey than on the onward journey. The train halts for half an hour at the destination station before starting on the return journey. If the total time taken for the to and fro journey is 23 hours, covering a distance of 1000 km, the speed of the train on the return journey is

- A) 60 km/hr B) 40 km/hr C) 50 km/hr D) 55 km/hr
-

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 87

Two trains move from station A and station B towards each other at the speed of 50 km/hr and 60 km/hr. At the meeting point, the driver of the second train felt that the train has covered 120 km more. What is the distance between A and B?

- A) 1320 km B) 1100 km C) 1200 km D) 960 km
-

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 88

Rohit took a loan of Rs. 20,000 to purchase an LCD TV set from a finance company. He promised to make the payment after three years. The company charges compound interest at the rate of 10% per annum for the same. But, suddenly the company announces the rate of interest as 15% per annum for the last one year of the loan period. What extra amount does Rohit have to pay due to this announcement of the new rate of interest?

- A) Rs. 7,830 B) Rs. 4,410 C) Rs. 6,620 D) None of these
-

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 89

A tree was planted three years ago. The rate of its growth is 30% per annum. If at present the height of the tree is 670 cm, what was the height of the tree when it was planted?

- A) 305 cm B) 500 cm C) 405 cm D) 625 cm

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 90

Sanju put equal amounts of money: one at 10% per annum compound interest payable half yearly and the second at a certain percent per annum compound interest payable yearly. If he gets equal amounts after 2 years, what is the value of the second rate percent?

- A) $10\frac{1}{5}\%$ B) 10% C) $9\frac{1}{2}\%$ D) $10\frac{1}{4}\%$

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 91

A person distributes his pens among four friends A, B, C and D in the ratio $\frac{1}{3} : \frac{1}{4} : \frac{1}{5} : \frac{1}{6}$. What is the minimum number of pens that the person should have?

- A) 65 B) 55 C) 23 D) 57

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 92

The sum of the squares of three numbers is 532 and the ratio of the first to the second as also of the second to the third is 3 : 2. What is the second number?

- A) 15 B) 14 C) 12 D) 17

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 93

The cost of an article is three times the value of the raw material used. The cost of raw materials increases in the ratio of 5 : 12 and manufacturing expenses in the ratio 4 : 5. The article, which originally cost Rs. 6, will now cost

- A) Rs. 12 B) Rs. 17 C) Rs. 20.50 D) None of these

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 94

The sum of the reciprocals of the ages of two brothers is five times the difference of the reciprocals of their ages. If the ratio of the product of their ages to the sum of their ages is 14.4 : 1, find their ages.

- A) 36 and 24 years B) 24 and 20 years C) 18 and 15 years D) 12 and 9 years

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 95

If 1 is added to the age of the elder sister then the ratio of the ages of two sisters becomes 0.5 : 1, but if 2 is subtracted from the age of the younger one, the ratio becomes 1 : 3. Find the age of the two sisters.

- A) 8 & 5 years B) 11 & 6 years C) 9 & 5 years D) 8 & 6 years

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 96

There are two examination rooms A and B. If 10 candidates are sent from A to B, the number of students in each room is the same. If 20 candidates are sent from B to A, the number of students in A is double the number of students in B. How many students are there in rooms A and B respectively?

- A) 100 & 80 B) 120 & 60 C) 80 & 100 D) 140 & 60
-

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 97

If you subtract Rs. 1 from the money Bholu has, take its reciprocal, then add it to the square of the money and subtract the money Bholu has, you get two rupees more than the reciprocal of money after subtracting 1 from it. Find the money Bholu has.

- A) Rs. 7 B) Rs. 5 C) Rs. 10 D) None of these

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 98

A pilot flies an aircraft at a certain speed for a distance of 800 km. He could have saved 40 minutes by increasing the average speed of the plane by 40 km/hr. Find the average speed of the aircraft.

- A) 200 km/hr B) 300 km/hr C) 240 km/hr D) None of these
-

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 99

An Auto travels 10 km per hour faster than a Scooty for a journey of 1000 km. The Scooty takes 5 hours more than the Auto. Find the speed of the Scooty.

- A) 40 km/hr B) 70 km/hr C) 50 km/hr D) None of these

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 100

What is the number of six digit telephone numbers in a city if at least one of their digits is repeated and zero cannot initiate the number?

- A) 763920 B) 453621 C) 145698 D) 781243
-

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 101

A basket contains 2 blue, 4 red, 3 green and 5 black balls. If 3 balls are picked at random, what is the probability that two are red and one is blue?

- A) $\frac{3}{7}$ B) $\frac{3}{91}$ C) $\frac{5}{1001}$ D) $\frac{3}{70}$

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 102

There are 5 different green dyes, 4 different blue dyes and 3 different red dyes. How many combinations of dyes can be chosen taking at least one green and one blue dye?

- A) 3720 B) 1253 C) 2546 D) 2373
-

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 103

What is the number of ways in which 5 identical balls can be distributed among 10 identical boxes, if not more than one ball can go into a box?

- A) 230 B) 204 C) 250 D) None of these

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 104

A classroom has 3 electric lamps. From a collection of 10 electric bulbs of which 6 are good, 3 are selected at random and put in the lamps. Find the probability that all lamps are burning.

- A) $\frac{1}{8}$ B) $\frac{1}{4}$ C) $\frac{1}{2}$ D) $\frac{1}{6}$

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 105

The odds in favour of A winning a game of badminton against B are 5 : 2. If three games are to be played, what are the odds in favour of A's winning at least one game?

- A) 425 : 5 B) 365 : 1 C) 335 : 8 D) 250 : 7

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 106

A and B play a game where each is asked to select a number from 1 to 16. If the 2 numbers match, both win a prize. Find the probability that they will not win a prize in a single trial.

- A) $\frac{15}{16}$ B) $\frac{12}{17}$ C) $\frac{14}{15}$ D) $\frac{12}{13}$

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 107

The probability that a computer company will get a computer hardware contract is $\frac{2}{3}$ and the probability that it will not get a software contract is $\frac{5}{9}$. If the probability of getting at least one contract is $\frac{4}{5}$, what is the probability that it will get both the contracts?

- A) $\frac{14}{45}$ B) $\frac{17}{45}$ C) $\frac{16}{45}$ D) $\frac{11}{45}$

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 108

Manoj and Ajita can do a job alone in 10 days and 12 days respectively. Manoj starts the work and after 6 days Ajita also joins to finish the work together. For how many days did Ajita actually work on the job?

- A) $2\frac{3}{11}$ B) $2\frac{1}{11}$ C) $2\frac{2}{11}$ D) $3\frac{1}{12}$

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 109

Ashokan is thrice as good a workman as Nitin, and is therefore able to finish a piece of work in 40 days less than Nitin. Find the

time in which they can do it working together.

- A) 15 days B) 7 days C) 16 days D) 13 days

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 110

A alone would take 8 hours more to complete the job than if both A and B worked together. If B worked alone, he took $4\frac{1}{2}$ hours more to complete the job than if A and B worked together. What time would they take if both A and B worked together?

- A) 8 hours B) 5 hours C) 2 hours D) 6 hours

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 111

Madhu takes twice as much time as Uma to complete a work and Ramesh does it in the same time as Madhu and Uma together. If all three working together can finish the work in 6 days, then the time taken by Madhu to finish the work is

- A) 12 days B) 14 days C) 36 days D) 40 days

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 112

When the price of sugar was increased by 32%, a family reduced its consumption in such a way that the expenditure on sugar was only 10% more than before. If 30 kg per month were consumed before, find the new monthly consumption.

- A) 42 kg B) 35 kg C) 25 kg D) 16 kg

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 113

A man's income is increased by Rs. 1,200 and at the same time, the rate of tax to be paid is reduced from 12% to 10%. He now pays the same amount of tax as before. What is his increased income, if 20% of his income is exempted from tax in both cases?

- A) Rs. 6,300 B) Rs. 7,200 C) Rs. 4,500 D) Rs. 6,500

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 114

The angles of elevation of the top of a tower 30 m high, from two points on the level ground on its opposite sides are 45° and 60° . What is the distance between the two points?

- A) 47.32 m B) 41.23 m C) 38.12 m D) 52.10 m

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 115

The angles of depression and elevation of the top of a wall 24 m high from the top and bottom of a tree are 60° and 30° respectively. The distance of the tree from the wall is

- A) 41.56 m B) 32.42 m C) 56.21 m D) 36.52 m

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 116

In an examination, 30% and 35% students respectively failed in History and Geography while 27% students failed in both the

subjects. If the number of students passing the examination is 248, find the total number of students who appeared in the examination.

- A) 425 B) 400 C) 380 D) 725
-

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 117

Mr. Vellu buys a generator for Rs. 1,00,000 and rents it; He puts 12.5% of each month's rent aside for upkeep and repairs, pays Rs. 325 per year as taxes and realizes 5.5% annually on his investment. Find the monthly rent.

- A) Rs. 634.76 B) Rs. 654.76 C) Rs. 554.76 D) Rs. 456.32
-

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 118

A tower stands at the end of a straight road. The angles of elevation of the top of the tower from two points on the road 500 m apart are 45° and 60° , respectively. Find the height of the tower.

- A) $(500\sqrt{3})/(\sqrt{3}-1)$ m B) $(500\sqrt{3})/(\sqrt{3}+1)$ m C) $5000\sqrt{3}$ m D) $450\sqrt{3}$ m
-

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 119

There are 6 tickets to the theatre, four of which are for seats in the front row. 3 tickets are selected at random. What is the probability that two of them are for the front row?

- A) 0.6 B) 0.7 C) 0.9 D) 0.1
-

DIRECTIONS for the question: Solve the following question and mark the best possible option.

Question No. : 120

Two cans have the same height equal to 21 cm. One can is cylindrical, the diameter of whose base is 10 cm. The other can has a square base of side 10 cm. What is the difference in their capacities approximately?

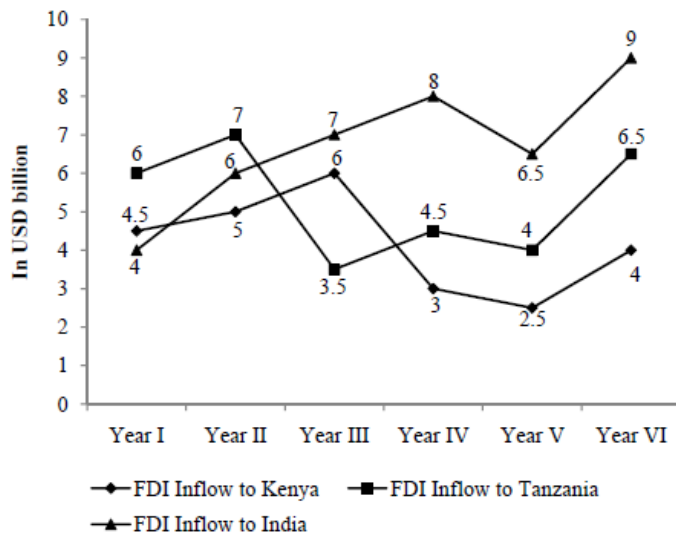
- A) 350 cm^3 B) 250 cm^3 C) 450 cm^3 D) 300 cm^3
-

Section : DI

DIRECTIONS for the question: Analyse the graph/s given below and answer the question that follows.

Question No. : 121

The graph shows the FDI inflows to India, Kenya and Tanzania in US dollars.



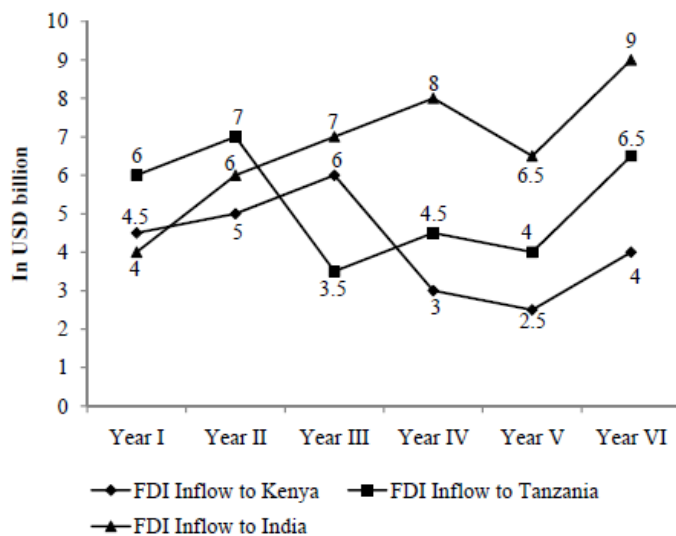
Average annual percentage growth rate in the FDI inflow to India is what percentage greater than average annual percentage growth rate in the FDI inflow to Kenya during the Year I to Year III?

- A) 150% B) 200% C) 75% D) 125%

DIRECTIONS for the question: Analyse the graph/s given below and answer the question that follows.

Question No. : 122

The graph shows the FDI inflows to India, Kenya and Tanzania in US dollars.



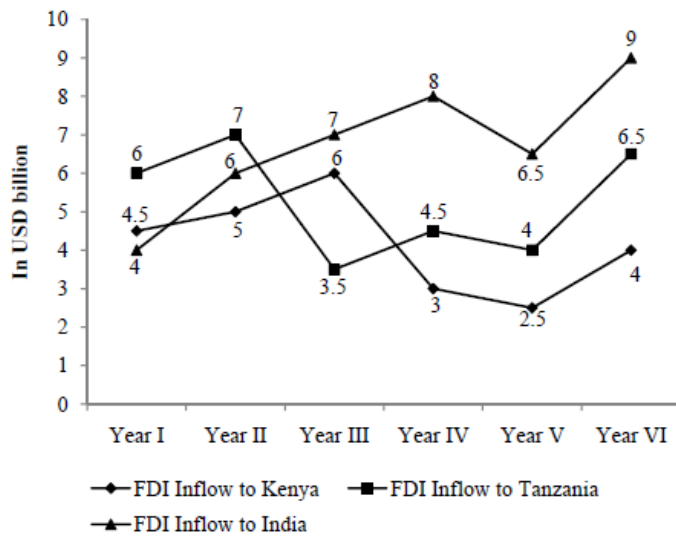
What is the percentage rate of decline in the FDI inflow to Kenya during the Year III to Year V?

- A) 140% B) 58% C) 56% D) 62%

DIRECTIONS for the question: Analyse the graph/s given below and answer the question that follows.

Question No. : 123

The graph shows the FDI inflows to India, Kenya and Tanzania in US dollars.



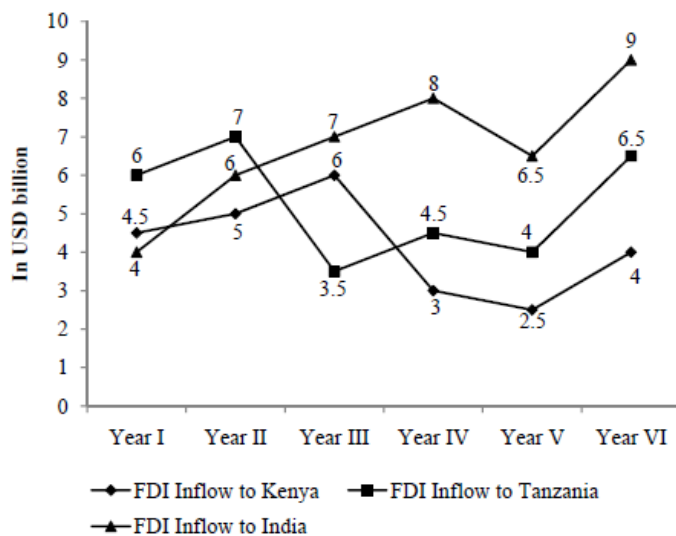
FDI inflow to India is how many times the FDI inflow to Kenya and Tanzania together for the given period?

- A) 0.92 B) 0.80 C) 0.72 D) 0.62

DIRECTIONS for the question: Analyse the graph/s given below and answer the question that follows.

Question No. : 124

The graph shows the FDI inflows to India, Kenya and Tanzania in US dollars.



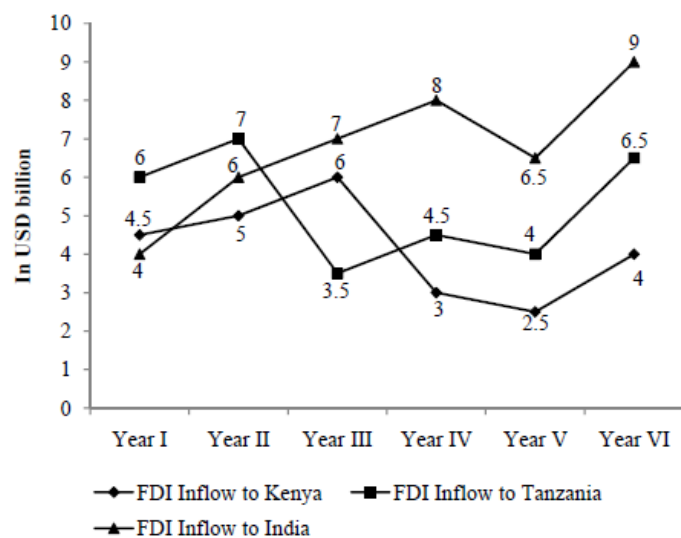
The difference between highest FDI inflow and lowest FDI inflow to India is what percent of total FDI inflow to Kenya for the given period of Year I to Year VI?

- A) 20% B) 30% C) 15% D) 10%

DIRECTIONS for the question: Analyse the graph/s given below and answer the question that follows.

Question No. : 125

The graph shows the FDI inflows to India, Kenya and Tanzania in US dollars.



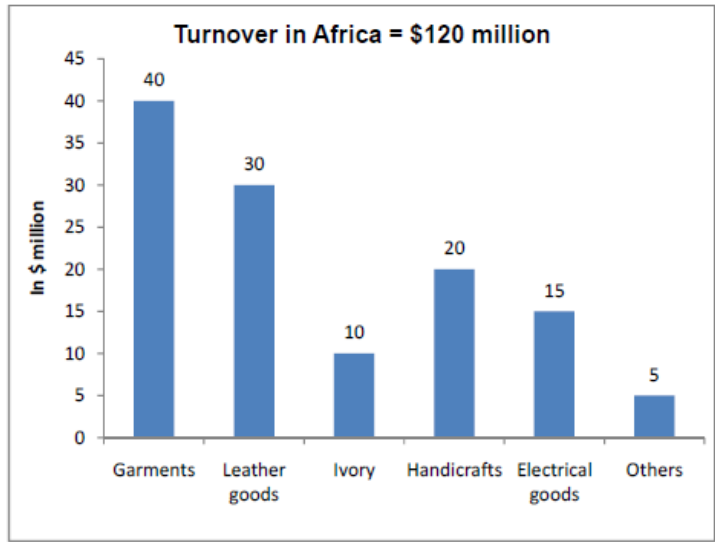
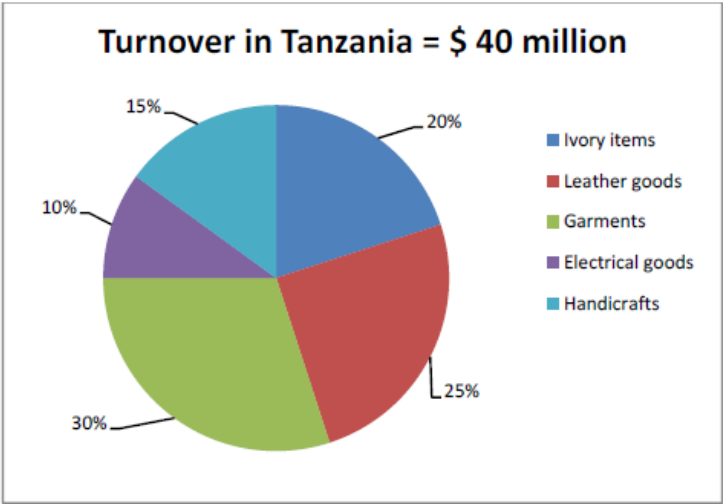
Of the total FDI inflow to India in Year IV, $\frac{1}{4}$ is from USA and $\frac{1}{2}$ of the remainder is from Europe, then what is the ratio of FDI from USA to that from Europe?

- A) 3 : 1 B) 3 : 2 C) 1 : 3 D) 2 : 3

DIRECTIONS for the question: Analyse the graph/s given below and answer the question that follows.

Question No. : 126

The pie chart shows percentage turnover of each item in Tanzania by a company M/s AYZM. The bar graph gives the turnover in \$ millions in Africa of various items by M/s AYZM. Rest of Africa refers to those countries which are in Africa other than Tanzania.



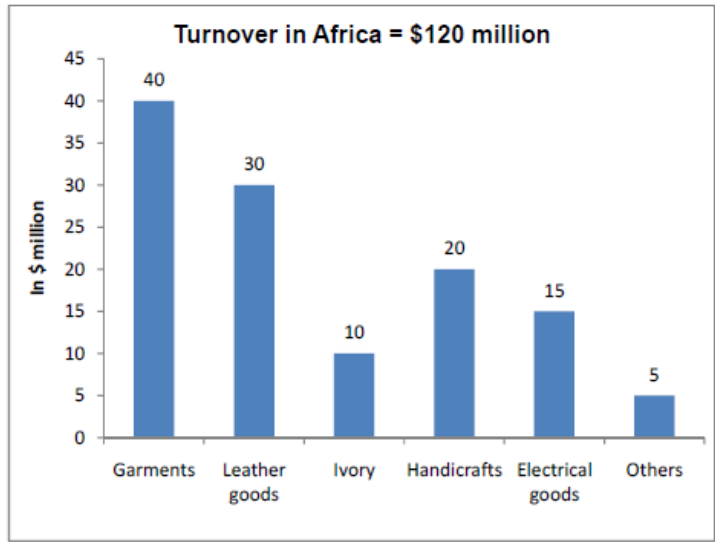
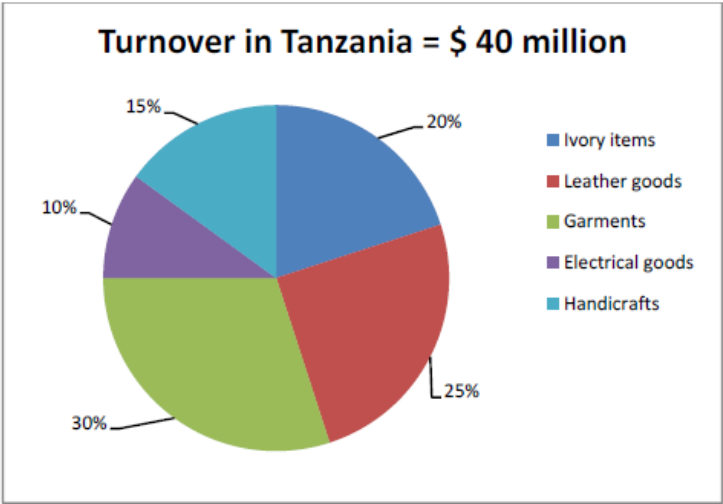
What is the percentage of Rest of Africa turnover for Leather goods?

- A) 25% B) 29% C) 67% D) None of these

DIRECTIONS for the question: Analyse the graph/s given below and answer the question that follows.

Question No. : 127

The pie chart shows percentage turnover of each item in Tanzania by a company M/s AYZM. The bar graph gives the turnover in \$ millions in Africa of various items by M/s AYZM. Rest of Africa refers to those countries which are in Africa other than Tanzania.



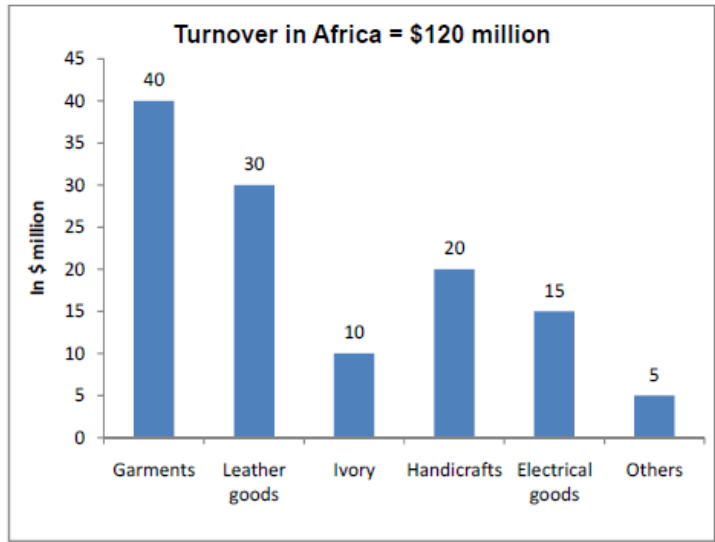
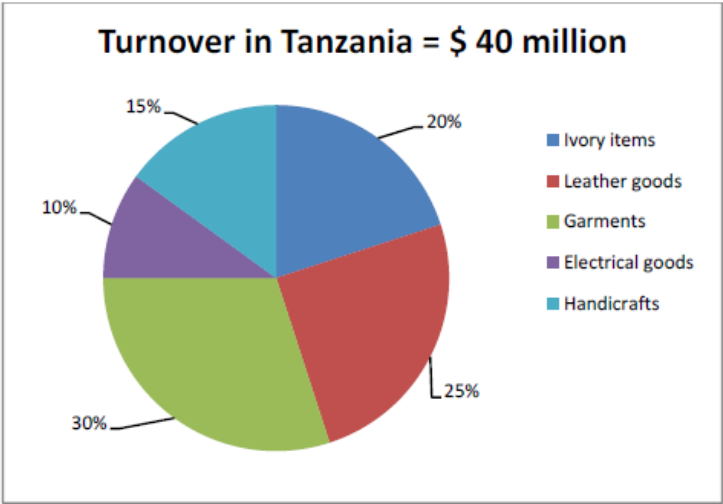
What is the ratio of turnover from Rest of Africa for Ivory and Garments to the turnover from Tanzania for Electrical and Leather goods?

- A) 2.14 : 2 B) 1.14 : 1 C) 2.14 : 1 D) 2 : 2.4

DIRECTIONS for the question: Analyse the graph/s given below and answer the question that follows.

Question No. : 128

The pie chart shows percentage turnover of each item in Tanzania by a company M/s AYZM. The bar graph gives the turnover in \$ millions in Africa of various items by M/s AYZM. Rest of Africa refers to those countries which are in Africa other than Tanzania.



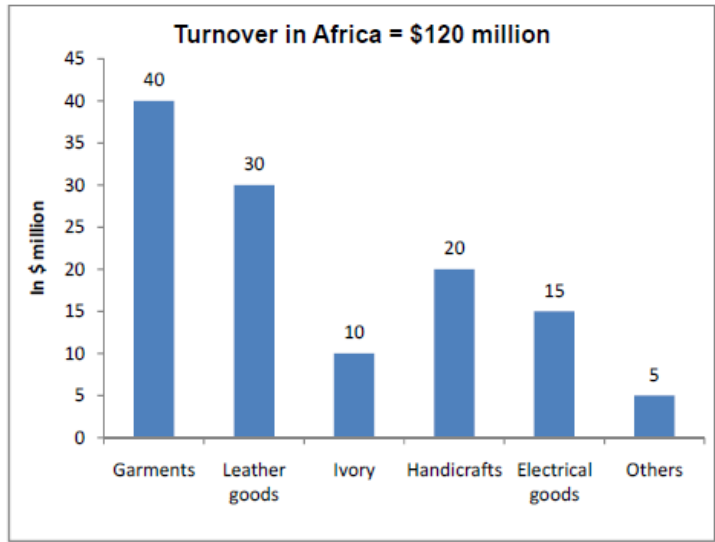
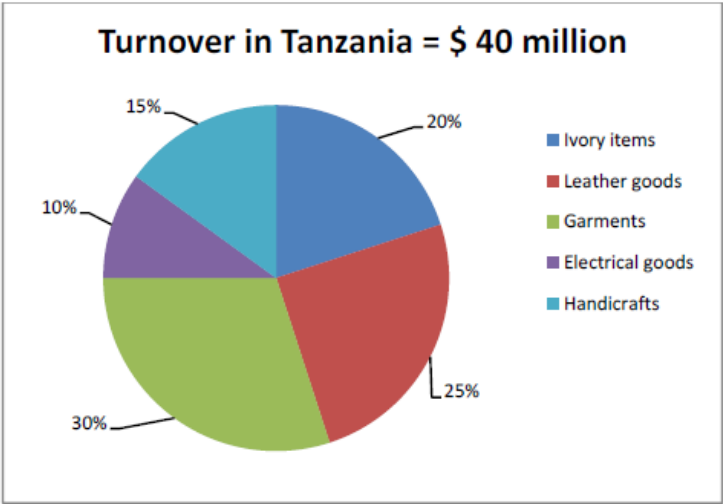
Turnover from Tanzania for Electrical goods and Handicrafts together is how many times the turnover from Rest of Africa for Garments?

- A) 0.63 B) 0.36 C) 0.50 D) 0.46

DIRECTIONS for the question: Analyse the graph/s given below and answer the question that follows.

Question No. : 129

The pie chart shows percentage turnover of each item in Tanzania by a company M/s AYZM. The bar graph gives the turnover in \$ millions in Africa of various items by M/s AYZM. Rest of Africa refers to those countries which are in Africa other than Tanzania.



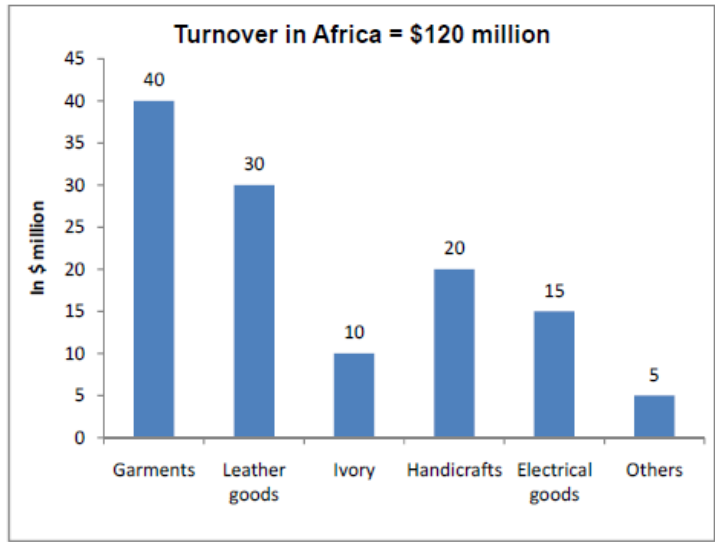
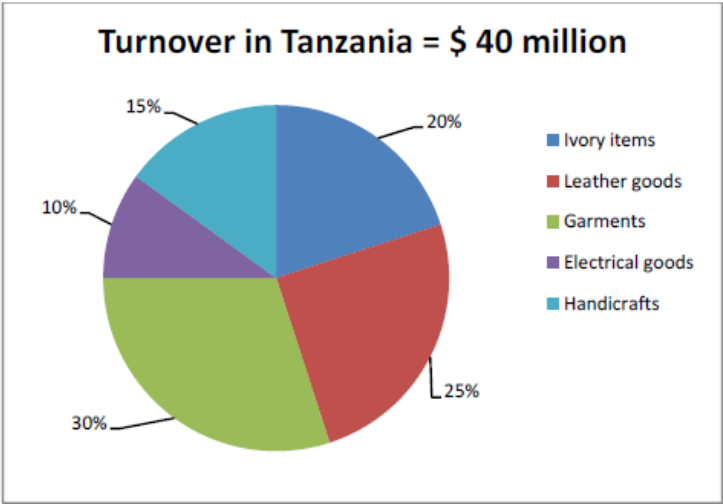
The turnover from Ivory and Garments together from Tanzania is what percent of the turnover from the Rest of Africa for Electrical and Leather goods together?

- A) 48% B) 60% C) 56% D) 65%

DIRECTIONS for the question: Analyse the graph/s given below and answer the question that follows.

Question No. : 130

The pie chart shows percentage turnover of each item in Tanzania by a company M/s AYZM. The bar graph gives the turnover in \$ millions in Africa of various items by M/s AYZM. Rest of Africa refers to those countries which are in Africa other than Tanzania.



If the turnover from Rest of Africa for Electrical goods increases by 20%, then what is the ratio of turnover from Tanzania for Handicrafts item to that from Rest of Africa for Electrical goods?

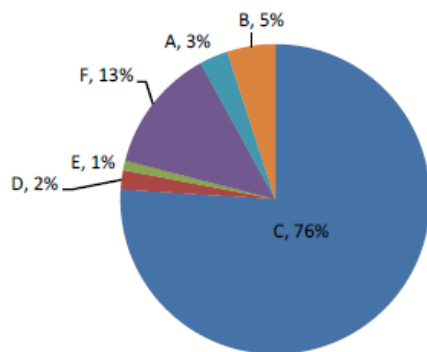
- A) 1 : 1.83 B) 1 : 1.38 C) 6 : 13 D) 13 : 6

DIRECTIONS for the question: Go through the pie chart/s given below and answer the question that follows.

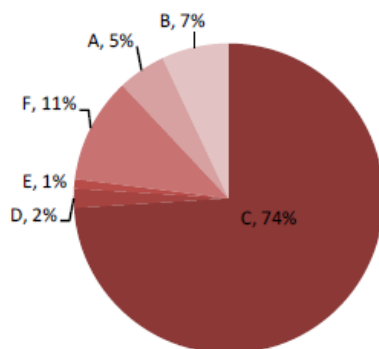
Question No. : 131

The location wise distribution of employees in a BPO for the years 2008 and 2009 is given below. The total employee strength of the company in 2008 was 90,000 and there was a 20% increase in the number of employees in 2009 with no attrition.

Employees by location in 2008



Employees by location in 2009



What is the approximate percentage change in the number of employees at location C of the company between 2008 and 2009?

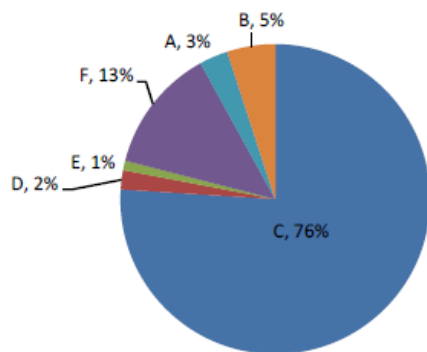
- A) 6.84% B) 14.68% C) 8.65% D) 16.84%

DIRECTIONS for the question: Go through the pie chart/s given below and answer the question that follows.

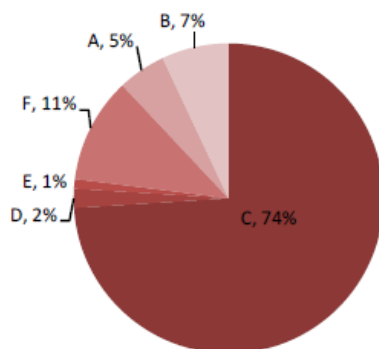
Question No. : 132

The location wise distribution of employees in a BPO for the years 2008 and 2009 is given below. The total employee strength of the company in 2008 was 90,000 and there was a 20% increase in the number of employees in 2009 with no attrition.

Employees by location in 2008



Employees by location in 2009



What is the ratio of number of employees at location B in 2008 to 2009?

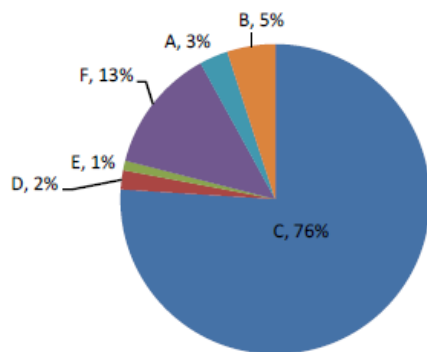
- A) 25/42 B) 41/26 C) 42/25 D) 26/41

DIRECTIONS for the question: Go through the pie chart/s given below and answer the question that follows.

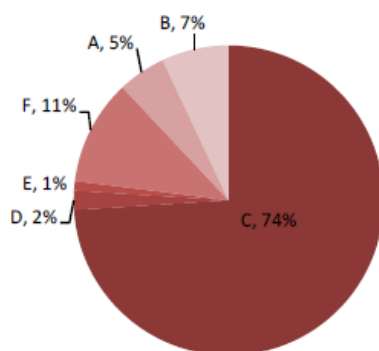
Question No. : 133

The location wise distribution of employees in a BPO for the years 2008 and 2009 is given below. The total employee strength of the company in 2008 was 90,000 and there was a 20% increase in the number of employees in 2009 with no attrition.

Employees by location in 2008



Employees by location in 2009



What is the ratio of change in the number of employees at location E to change in the number of employees at location B in 2009?

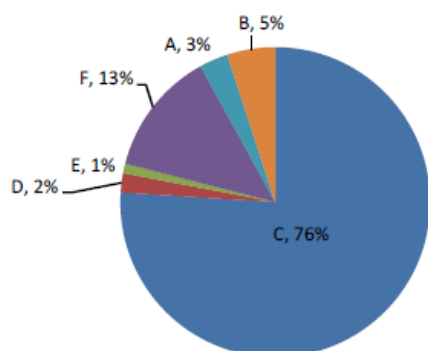
- A) $\frac{1}{2}$ B) $\frac{2}{29}$ C) $\frac{1}{17}$ D) $\frac{35}{53}$

DIRECTIONS for the question: Go through the pie chart/s given below and answer the question that follows.

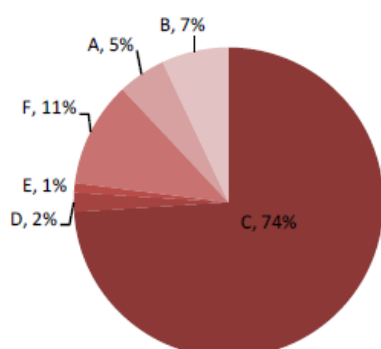
Question No. : 134

The location wise distribution of employees in a BPO for the years 2008 and 2009 is given below. The total employee strength of the company in 2008 was 90,000 and there was a 20% increase in the number of employees in 2009 with no attrition.

Employees by location in 2008



Employees by location in 2009



What is the ratio of the change of employees at location D in 2009 with a 20% increase in 2009 to the change of employees at location C in 2009 assuming a 25% increase in 2009?

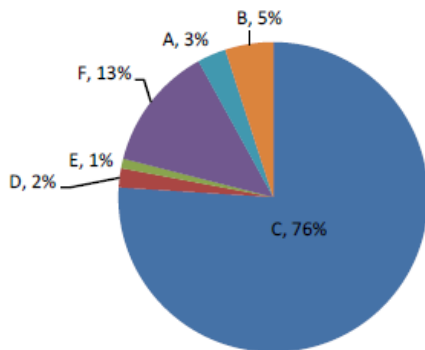
- A) 651/165 B) 165/4 C) 615/516 D) 4/165

DIRECTIONS for the question: Go through the pie chart/s given below and answer the question that follows.

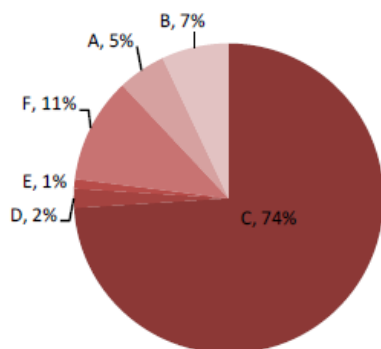
Question No. : 135

The location wise distribution of employees in a BPO for the years 2008 and 2009 is given below. The total employee strength of the company in 2008 was 90,000 and there was a 20% increase in the number of employees in 2009 with no attrition.

Employees by location in 2008



Employees by location in 2009



If there was 25% increase in the employee strength of the company in 2009 with no attrition, what is the difference between employees at location A in 2008 and employees at location F in 2009?

- A) 9675 B) 7596 C) 12150 D) 6759

DIRECTIONS for the question: Read the information given below and answer the question that follows.

Question No. : 136

XYZ is a supermarket chain that has enjoyed continuous revenue growth and high levels of profitability over the period of six years. An average of 15% profit margin has been realized on the value of total sales. In Year VII, however, a supermarket chain with a reputation for low prices will open a number of stores in direct competition with each of M/s XYZ outlets. This finding has greatly alarmed the management team at M/s XYZ. Value of total sales revenue in rupees crores for Year I, Year II, Year III, Year IV, Year V and Year VI is 40, 40.9, 41.8, 42.7, 43.7 and 44.7 respectively.

Market research in Year I found that all of M/s XYZ's six supermarket outlets are located in residential areas with an average population of 1,50,000. Each outlet has 4,000 customers a day. In Year VI the most profitable lines were groceries and packed food. Market research shows that soon to arrive competition normally prices goods at 10 percent below M/s XYZ's current ongoing prices.

On an average day in Year I, what percentage of the population in which XYZ outlet is located could have been expected to visit the XYZ stores?

- A) 2% B) 2.1% C) 1.9% D) 2.6%

DIRECTIONS for the question: Read the information given below and answer the question that follows.

Question No. : 137

XYZ is a supermarket chain that has enjoyed continuous revenue growth and high levels of profitability over the period of six years. An average of 15% profit margin has been realized on the value of total sales. In Year VII, however, a supermarket chain with a reputation for low prices will open a number of stores in direct competition with each of M/s XYZ outlets. This finding has greatly alarmed the management team at M/s XYZ. Value of total sales revenue in rupees crores for Year I, Year II, Year III, Year IV,

Year V and Year VI is 40, 40.9, 41.8, 42.7, 43.7 and 44.7 respectively.

Market research in Year I found that all of M/s XYZ's six supermarket outlets are located in residential areas with an average population of 1,50,000. Each outlet has 4,000 customers a day. In Year VI the most profitable lines were groceries and packed food. Market research shows that soon to arrive competition normally prices goods at 10 percent below M/s XYZ's current ongoing prices.

How much more profit did XYZ show in Year VI compared with Year I?

- A) Rs. 4.223 million B) Rs. 7.05 million C) Rs. 6.05 million D) Rs. 7.05 lakhs

DIRECTIONS for the question: Read the information given below and answer the question that follows.

Question No. : 138

XYZ is a supermarket chain that has enjoyed continuous revenue growth and high levels of profitability over the period of six years. An average of 15% profit margin has been realized on the value of total sales. In Year VII, however, a supermarket chain with a reputation for low prices will open a number of stores in direct competition with each of M/s XYZ outlets. This finding has greatly alarmed the management team at M/s XYZ. Value of total sales revenue in rupees crores for Year I, Year II, Year III, Year IV, Year V and Year VI is 40, 40.9, 41.8, 42.7, 43.7 and 44.7 respectively.

Market research in Year I found that all of M/s XYZ's six supermarket outlets are located in residential areas with an average population of 1,50,000. Each outlet has 4,000 customers a day. In Year VI the most profitable lines were groceries and packed food. Market research shows that soon to arrive competition normally prices goods at 10 percent below M/s XYZ's current ongoing prices.

Find the average of sales revenue.

- A) Rs. 42.3 crores B) Rs. 41.8 crores C) Rs. 43.7 crores D) Rs. 44.8 crores

DIRECTIONS for the question: Read the information given below and answer the question that follows.

Question No. : 139

XYZ is a supermarket chain that has enjoyed continuous revenue growth and high levels of profitability over the period of six years. An average of 15% profit margin has been realized on the value of total sales. In Year VII, however, a supermarket chain with a reputation for low prices will open a number of stores in direct competition with each of M/s XYZ outlets. This finding has greatly alarmed the management team at M/s XYZ. Value of total sales revenue in rupees crores for Year I, Year II, Year III, Year IV, Year V and Year VI is 40, 40.9, 41.8, 42.7, 43.7 and 44.7 respectively.

Market research in Year I found that all of M/s XYZ's six supermarket outlets are located in residential areas with an average population of 1,50,000. Each outlet has 4,000 customers a day. In Year VI the most profitable lines were groceries and packed food. Market research shows that soon to arrive competition normally prices goods at 10 percent below M/s XYZ's current ongoing prices.

What is the median of total sales of M/s XYZ over a given period?

- A) Rs. 42.25 crores B) Rs. 41.8 crores C) Rs. 42.3 crores D) Rs. 42.7 crores

DIRECTIONS for the question: Read the information given below and answer the question that follows.

Question No. : 140

XYZ is a supermarket chain that has enjoyed continuous revenue growth and high levels of profitability over the period of six years. An average of 15% profit margin has been realized on the value of total sales. In Year VII, however, a supermarket chain with a reputation for low prices will open a number of stores in direct competition with each of M/s XYZ outlets. This finding has greatly alarmed the management team at M/s XYZ. Value of total sales revenue in rupees crores for Year I, Year II, Year III, Year IV, Year V and Year VI is 40, 40.9, 41.8, 42.7, 43.7 and 44.7 respectively.

Market research in Year I found that all of M/s XYZ's six supermarket outlets are located in residential areas with an average population of 1,50,000. Each outlet has 4,000 customers a day. In Year VI the most profitable lines were groceries and packed food. Market research shows that soon to arrive competition normally prices goods at 10 percent below M/s XYZ's current ongoing prices.

During the given period, the increase in sales revenue percentage is maximum in which year?

- A) Year III B) Year VI C) Year II D) Year V

DIRECTIONS for the question: The question consist of two quantities, one in Column A and the other in Column B. Mark answer as

Question No. : 141

Column A

Percentage decrease in area if a towel when bleached was found to have lost 20% of its length and 10% of its breadth.

Column B

Percentage decrease in area if a towel when bleached was found to have lost 15% of its length and 15% of its breadth.

Choose the correct option:

- A) if the quantity in Column A is greater B) if the two quantities are equal C) if the quantity in Column B is greater
D) if comparison cannot be made from the information given

DIRECTIONS for the question: The question consist of two quantities, one in Column A and the other in Column B. Mark answer as

Question No. : 142

Column A

The percentage of mango juice in the mixture if 5 litres of 30% mango juice and 3 litres of 60% mango juice are mixed.

Column B

The percentage of water in the mixture of one liquid solution of 8 litres containing 50% water and a second liquid solution of 20 litres containing 30% water.

Choose the correct option:

- A) if the quantity in Column A is greater B) if the two quantities are equal C) if the quantity in Column B is greater
D) if comparison cannot be made from the information given

DIRECTIONS for the question: The question consist of two quantities, one in Column A and the other in Column B. Mark answer as

Question No. : 143

Column A

Number of TVs sold this year in an electronic store, if they sold 120 TVs last year and 20% more this year.

Column B

Number of washing machines sold this year in a store, if they sold 80 washing machines last year and 80% more this year.

Choose the correct option:

- A) if the quantity in Column A is greater B) if the two quantities are equal C) if the quantity in Column B is greater
D) if comparison cannot be made from the information given

DIRECTIONS for the question: The question consist of two quantities, one in Column A and the other in Column B. Mark answer as

Question No. : 144

Column A

Percentage of error in the area of a square when 5% error in excess was made in measuring the side.

Column B

Percentage of error in the area of rectangle when 6% and 4.5% in excess errors are made in measuring the sides.

Choose the correct option:

- A) if the quantity in Column A is greater B) if the two quantities are equal C) if the quantity in Column B is greater
D) if comparison cannot be made from the information given

DIRECTIONS for the question: The question consist of two quantities, one in Column A and the other in Column B. Mark answer as

Question No. : 145

Column A

Reduction in revenue when the tax on a commodity is decreased by 15% and its consumption increased by 10%.

Column B

Reduction in the revenue when the tax on commodity is decreased by 10% and its consumption increased by 11%.

Choose the correct option:

- A) if the quantity in Column A is greater B) if the two quantities are equal C) if the quantity in Column B is greater
D) if comparison cannot be made from the information given

DIRECTIONS for the question: The question below is followed by two statements marked A and B. Mark as your answer.

Question No. : 146

What is the area of square floor Z?

- I. The diagonal of the floor measures $8\sqrt{2}$.
II. The perimeter of the floor is an even integer (+ve) multiple of 8.

- A) if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question
B) if the data in both statements I and II are required to answer the question;
C) if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question
D) if the data in both statements I and II together are not sufficient to answer the question

DIRECTIONS for the question: The question below is followed by two statements marked A and B. Mark as your answer.

Question No. : 147

A vendor sells bags of mango for Rs. 200, bags of grapes for Rs. 400 and bags of apples for Rs. 500. How many bags of apples did the vendor sell?

- I. The vendor sold one bag of mango.
II. In total, the vendor sold 7 bags of fruits for Rs. 3,000.

Choose the correct option:

- A) if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question
B) if the data in both statements I and II are required to answer the question;
C) if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question
D) if the data in both statements I and II together are not sufficient to answer the question

DIRECTIONS for the question: The question below is followed by two statements marked I and II. Mark as your answer.

Question No. : 148

How many sides does a regular polygon have?

- I. The sum of exterior angles = 360° .
II. The total sum of interior and exterior angles = 1980° .

Choose the correct option:

- A) if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question
B) if the data in both statements I and II are required to answer the question;
C) if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question

D) if the data in both statements I and II together are not sufficient to answer the question

DIRECTIONS for the question: The question below is followed by two statements marked I and II. Mark as your answer.

Question No. : 149

A loaf of cake costs Rs. 120. How much would a similar loaf cost?

- I. The similar loaf has dimension $\frac{1}{5}$ of the original.
- II. The weight of original loaf of cake is 200 gm.

Choose the correct option:

- A) if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question
- B) if the data in both statements I and II are required to answer the question;
- C) if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question
- D) if the data in both statements I and II together are not sufficient to answer the question

DIRECTIONS for the question: The question below is followed by two statements marked I and II. Mark as your answer.

Question No. : 150

If a solid ball is dropped into a cylindrical bucket of water 5 cm deep, by how much does the water rise?

- I. The radius of the bucket is 7 cm.
- II. The radius of the ball is 9 mm.

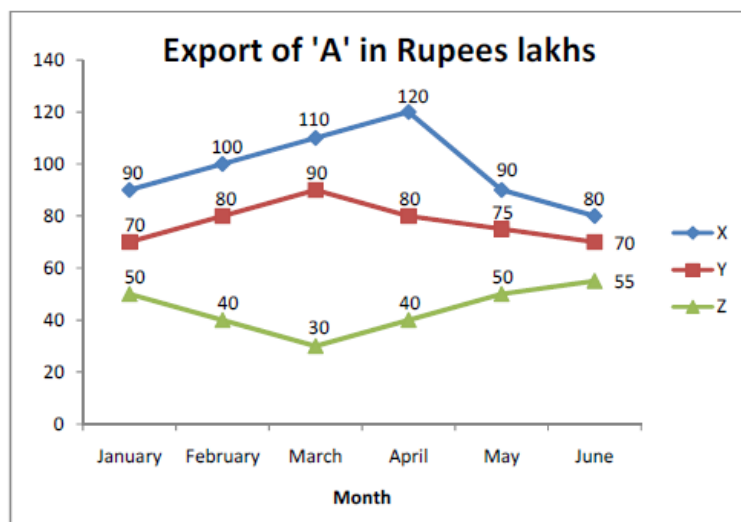
Choose the correct option:

- A) if the data in statement I alone are sufficient to answer the question, while the data in statement II alone are not sufficient to answer the question
 - B) if the data in both statements I and II are required to answer the question;
 - C) if the data in statement II alone are sufficient to answer the question, while the data in statement I alone are not sufficient to answer the question
 - D) if the data in both statements I and II together are not sufficient to answer the question
-

DIRECTIONS for the question: Analyse the graph/s given below and answer the question that follows.

Question No. : 151

Two Export Houses A and B are exporting three products X, Y and Z. Details of export of A from January to June are depicted in 3 Line Graphs. Export of B for same products in respective periods is given in the table.



Export of 'B' in Rupees lakhs						
Product	January	February	March	April	May	June
X	70	80	90	100	110	120
Y	40	50	60	70	80	90
Z	35	45	55	65	75	85

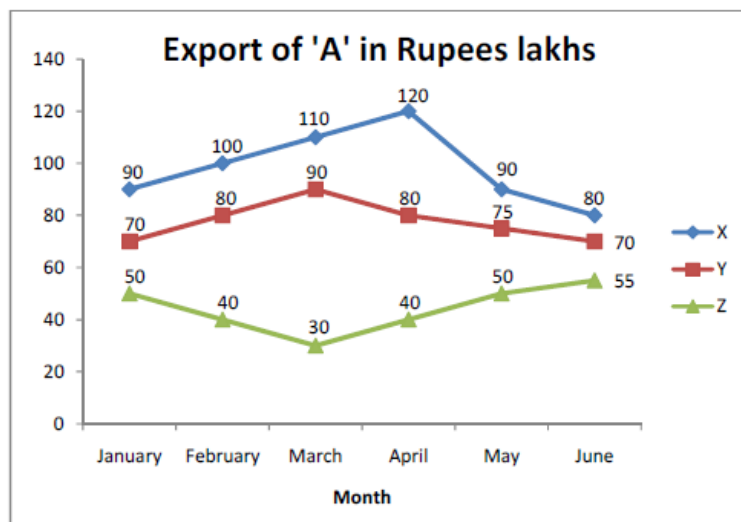
During 6 months, which Export House had higher combined export?

- A) A B) None C) B D) Cannot be determined

DIRECTIONS for the question: Analyse the graph/s given below and answer the question that follows.

Question No. : 152

Two Export Houses A and B are exporting three products X, Y and Z. Details of export of A from January to June are depicted in 3 Line Graphs. Export of B for same products in respective periods is given in the table.



Export of 'B' in Rupees lakhs						
Product	January	February	March	April	May	June
X	70	80	90	100	110	120
Y	40	50	60	70	80	90
Z	35	45	55	65	75	85

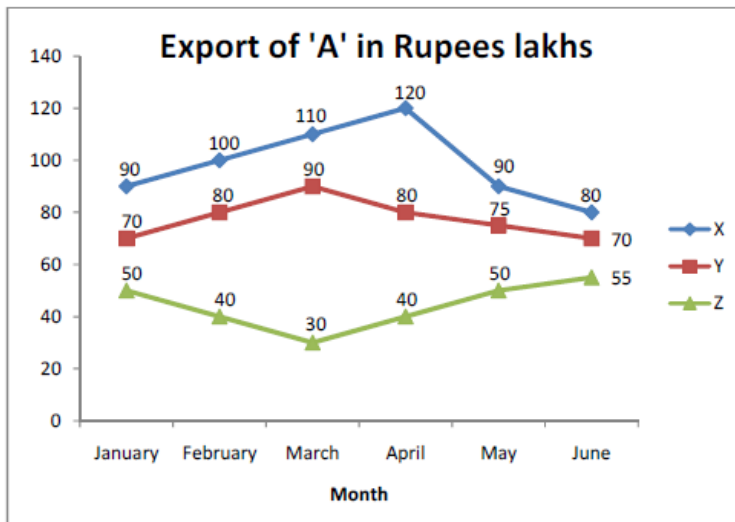
What is the percentage increase in exports of X and Z of Export House A from January to March and then from April to June?

- A) 3.57% B) 2.54% C) 3.65% D) None of these

DIRECTIONS for the question: Analyse the graph/s given below and answer the question that follows.

Question No. : 153

Two Export Houses A and B are exporting three products X, Y and Z. Details of export of A from January to June are depicted in 3 Line Graphs. Export of B for same products in respective periods is given in the table.



Export of 'B' in Rupees lakhs						
Product	January	February	March	April	May	June
X	70	80	90	100	110	120
Y	40	50	60	70	80	90
Z	35	45	55	65	75	85

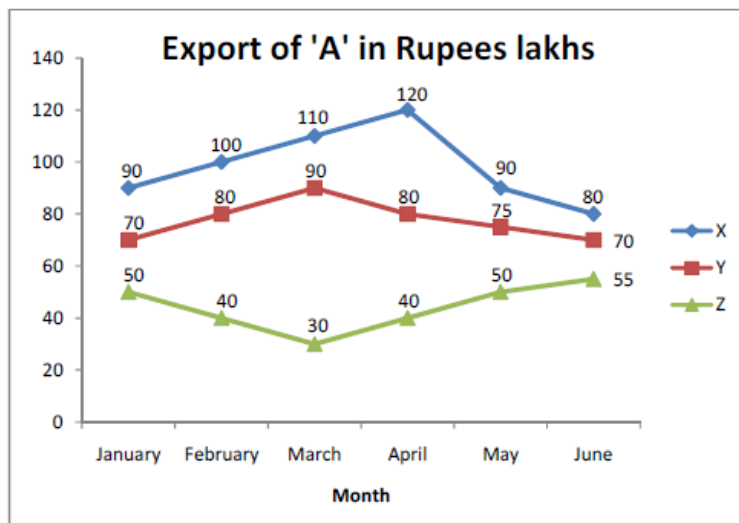
If in July the overall export of A and B has risen by 20% and 11% respectively from the total export figures in June, then what is the difference in the total exports of A and B in July?

- A) 82 B) 111 C) 131 D) 151

DIRECTIONS for the question: Analyse the graph/s given below and answer the question that follows.

Question No. : 154

Two Export Houses A and B are exporting three products X, Y and Z. Details of export of A from January to June are depicted in 3 Line Graphs. Export of B for same products in respective periods is given in the table.



Export of 'B' in Rupees lakhs						
Product	January	February	March	April	May	June
X	70	80	90	100	110	120
Y	40	50	60	70	80	90
Z	35	45	55	65	75	85

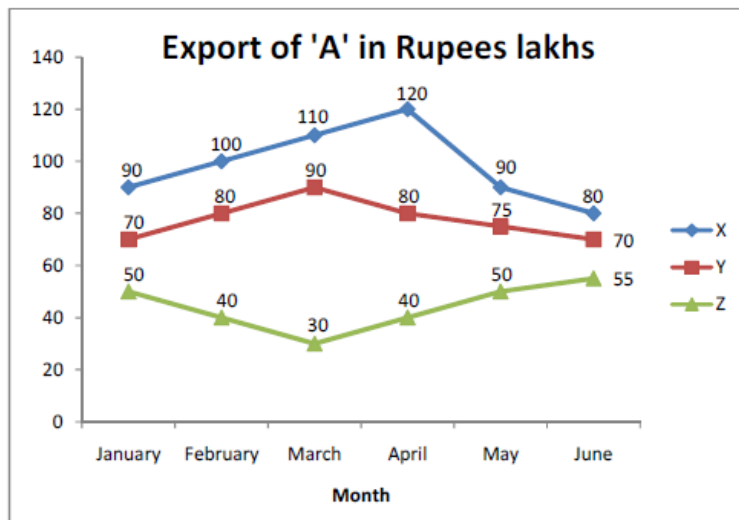
What is the ratio of % increase of product Y of Export House A to that of B during January to May?

- A) 1 : 7 B) 1 : 14 C) 7 : 1 D) 14 : 1

DIRECTIONS for the question: Analyse the graph/s given below and answer the question that follows.

Question No. : 155

Two Export Houses A and B are exporting three products X, Y and Z. Details of export of A from January to June are depicted in 3 Line Graphs. Export of B for same products in respective periods is given in the table.



Export of 'B' in Rupees lakhs						
Product	January	February	March	April	May	June
X	70	80	90	100	110	120
Y	40	50	60	70	80	90
Z	35	45	55	65	75	85

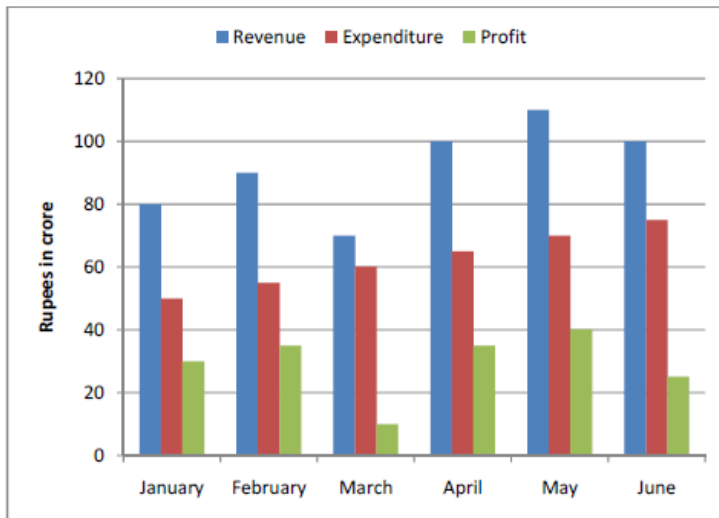
What is ratio of % increase of product Z of Export House B to that of Export House A from March to June?

- A) 1 : 0.65 B) 2 : 3 C) 0.65 : 1 D) 3 : 2

DIRECTIONS for the question: Analyse the graph/s given below and answer the question that follows.

Question No. : 156

The graph shows the Revenue, Expenditure and Profit in rupees crores for a period of six months for a company.



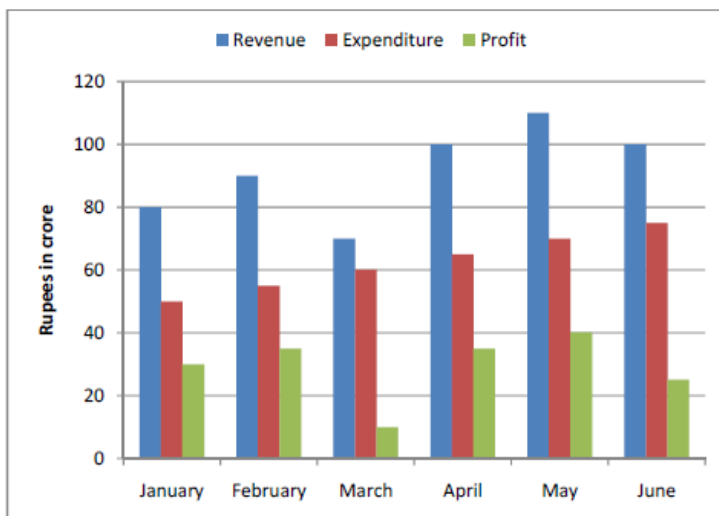
The harmonic mean of the profit in the given six months is approximately

- A) Rs. 6 crore B) Rs. 35 crore C) Rs. 30 crore D) Rs. 23 crore

DIRECTIONS for the question: Analyse the graph/s given below and answer the question that follows.

Question No. : 157

The graph shows the Revenue, Expenditure and Profit in rupees crores for a period of six months for a company.



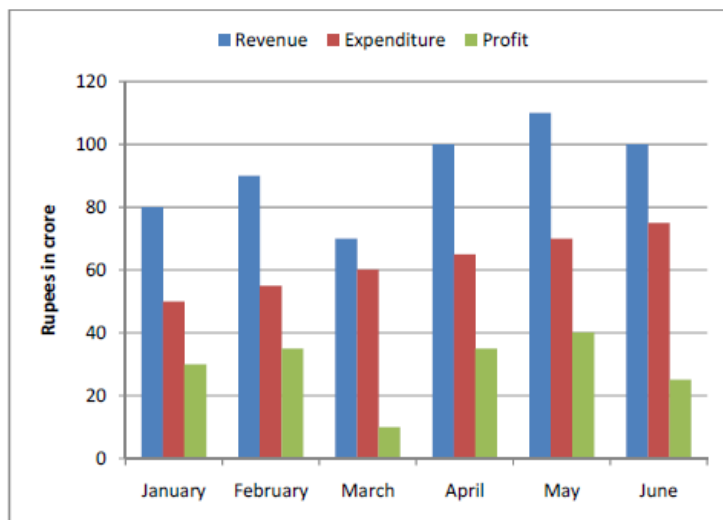
Which month has shown the greatest percentage increase in expenditure as compared to the previous month?

- A) June B) February C) April D) May

DIRECTIONS for the question: Analyse the graph/s given below and answer the question that follows.

Question No. : 158

The graph shows the Revenue, Expenditure and Profit in rupees crores for a period of six months for a company.



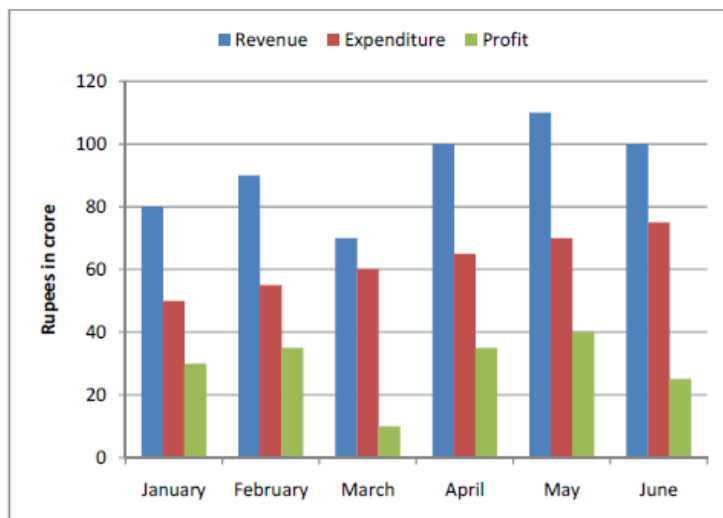
The profit for six months together forms what percent of the expenditure during the same period?

- A) 20.6% B) 36.6% C) 46.6% D) 26.6%

DIRECTIONS for the question: Analyse the graph/s given below and answer the question that follows.

Question No. : 159

The graph shows the Revenue, Expenditure and Profit in rupees crores for a period of six months for a company.



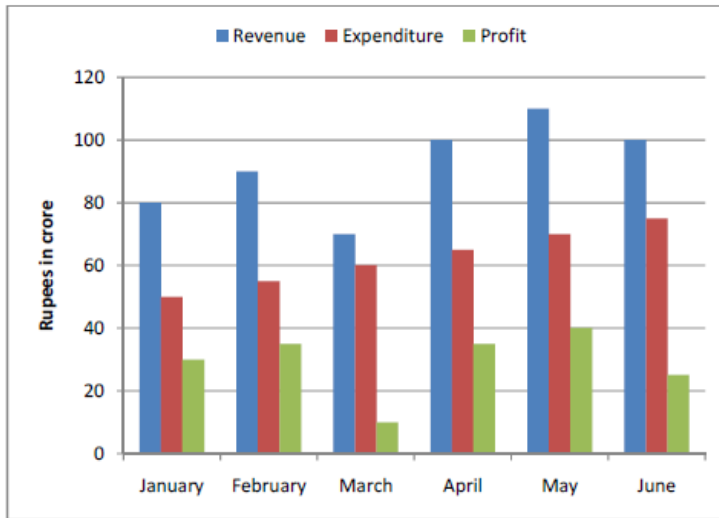
If the profit in July shows the same growth as it had shown in April over the previous month and expenditure in July is 40% more than expenditure in May, then what approximately will be the revenue in July?

- A) Rs. 185.5 crore B) Rs. 125.5 crore C) Rs. 165.5 crore D) Rs. 285.5 crore

DIRECTIONS for the question: Analyse the graph/s given below and answer the question that follows.

Question No. : 160

The graph shows the Revenue, Expenditure and Profit in rupees crores for a period of six months for a company.



The total expenditure in six months is what percent more than total profit during the same period?

- A) 135% B) 150% C) 114% D) 119%

Section : GK

DIRECTIONS for the question: Mark the best option:

Question No. : 161

India's first private missile production facility unveiled in which city

- A) Mumbai B) Hyderabad C) Delhi D) Lucknow

DIRECTIONS for the question: Mark the best option:

Question No. : 162

The HRD ministry has constituted a new nine-member panel headed by _____ to frame a new National Education Policy (NEP)

- A) K Kasturirangan B) Meena Hemchandra C) Kadiyam Srihari D) Madhukar Gupta

DIRECTIONS for the question: Mark the best option:

Question No. : 163

Nobel laureate Liu Xiaobo, who died recently, is a prominent belongs to

A) North Korea B) China C) Malaysia D) Thailand

DIRECTIONS for the question: Mark the best option:

Question No. : 164

UNFCCC COP 22 held at

A) Marrakech B) Pretario C) Nairobi D) Addis Ababa

DIRECTIONS for the question: Mark the best option:

Question No. : 165

Nai Udaan Scheme is for

A) Minorities B) Women C) Children between ages 6-14 years D) Differently abled

DIRECTIONS for the question: Mark the best option:

Question No. : 166

How much amount is allocated by the Centre for the Swachh Bharat Mission (Urban)?

A) 12,000 crore B) 14623 crore C) 15000 crore D) 2000 crore

DIRECTIONS for the question: Mark the best option:

Question No. : 167

The new Indian Currency Note of Rs. 2000/- denomination has an image of:

A) Red Fort B) Mangalyaan C) Parliament House D) Taj Mahal

DIRECTIONS for the question: Mark the best option:

Question No. : 168

Which of the following teams won the ICC Women's World Cup 2017?

A) India B) Australia C) England D) New Zealand

DIRECTIONS for the question: Mark the best option:

Question No. : 169

In the ICC Champions Trophy 2017, which player received the ICC GOLDEN BALL AWARD?

A) Mohammad Aamir B) Junaid Khan C) Adil Rasheed D) Hassan Ali

DIRECTIONS for the question: Mark the best option:

Question No. : 170

Pakistan's Petroleum Minister _____ was elected the 18th Prime Minister of Pakistan by the National Assembly

A) Shahid Khaqan Abbasi B) Nawaz Sharif C) Benazir Bhutto D) Parvez Musharraf

DIRECTIONS for the question: Mark the best option:

Question No. : 171

Sustainable Development Goals also known as Global Goals have_____

- A) 168 Targets B) 169 Targets C) 200 Targets D) 150 Targets

DIRECTIONS for the question: Mark the best option:

Question No. : 172

Economist_____named the new Vice-Chairman of NITI Aayog, five days after the incumbent Arvind Panagariya announced he was quitting to return to academics.

- A) Rajiv Kumar B) Sanjiv Yadav C) Ranjat Kumar D) Montek Singh Ahluwalia
-

DIRECTIONS for the question: Mark the best option:

Question No. : 173

Which of the following firms has come up with a rival to the Google-owned YouTube which it has named 'Watch'?

- A) Facebook B) Microsoft C) Twitter D) Hike

DIRECTIONS for the question: Mark the best option:

Question No. : 174

How many new Canyons have been discovered by the scientists at CSIR-NIO on March 10, 2017 in the depths of Bay of Bengal?

- A) Five B) Two C) Three D) One
-

DIRECTIONS for the question: Mark the best option:

Question No. : 175

Renowned scientist _____ founder director of CSIR-Centre for Cellular Molecular Biology (CCMB) Hyderabad died recently

- A) Pushpa Mitra Bhargava B) Aurobindo Mitra C) Ram Chandra Chatterji D) CV Ghosh

DIRECTIONS for the question: Mark the best option:

Question No. : 176

International Tiger Day observed on _____for urgent action for the conservation of the dwindling numbers of this big cat and the need to combat the threats of poaching and illegal wildlife trade.

- A) July 21 B) June 22 C) July 20 D) January 23
-

DIRECTIONS for the question: Mark the best option:

Question No. : 177

India with which Grouping has stepped up efforts to expand their preferential trade agreement (PTA) to make greater inroads into the other's market.

- A) Mercosur bloc B) ASEAN C) SAARC D) BRICS

DIRECTIONS for the question: Mark the best option:

Question No. : 178

Who wrote the famous book - 'We the people'?

- A) T.N.Kaul B) J.R.D. Tata C) Khushwant Singh D) Nani Palkhivala
-

DIRECTIONS for the question: Mark the best option:

Question No. : 179

Which two countries have become full members of the Shanghai Cooperation Organisation (SCO) recently

- A) India & Pakistan B) India & China C) Bhutan & Nepal D) India & USA

DIRECTIONS for the question: Mark the best option:

Question No. : 180

SEBI has constituted a committee under TK Viswanathan for _____.

- A) Fair market conduct B) Manufacturing market conduct C) Partial market conduct D) Both a and c

DIRECTIONS for the question: Mark the best option:

Question No. : 181

Who among the following won the men's singles title of the 2017 Wimbledon tennis tournament?

- A) Marin Cilic B) Roger Federer C) Andy Murray D) Rafael Nadal

DIRECTIONS for the question: Mark the best option:

Question No. : 182

India's Harinder Pal Sandhu won the 2017 Victorian Open recently. He plays _____

- A) Badminton B) Tennis C) Table tennis D) Squash

DIRECTIONS for the question: Mark the best option:

Question No. : 183

The second volume of the Economic Survey for 2016-17 was released recently. Which of the following is one of the challenges listed in the survey?

- A) Appreciation of the rupee B) Farm loan waivers C) Rising stress on balance sheets in power D) All of these

DIRECTIONS for the question: Mark the best option:

Question No. : 184

The World Population Day is observed every year on

- A) 01 Jul B) 05 Jul C) 09 Jul D) 11 Jul

DIRECTIONS for the question: Mark the best option:

Question No. : 185

PM Narendra Modi inaugurated various irrigation and water related initiatives at Aji Dam in Rajkot in which state recently?

- A) Rajasthan B) Madhya Pradesh C) Maharashtra D) Gujarat

DIRECTIONS for the question: Mark the best option:

Question No. : 186

_____ tops the list of origin countries of naturalised citizens across the world. In 2015, 1.30 lakh people of this country acquired citizenship of OECD member countries.

A) China B) Philippines C) Mexico D) India

DIRECTIONS for the question: Mark the best option:

Question No. : 187

The Urban Development Minister M. Venkaiah Naidu has launched the Country's first Liveability Index christened as "City Liveability Index", which will rank the country's 116 major cities on the basis of the quality of life. The index would be released in

A) 2020 B) 2022 C) 2018 D) 2019

DIRECTIONS for the question: Mark the best option:

Question No. : 188

With which country India signed an MoU to amend the Double Taxation Avoidance Agreement?

A) Portugal B) Netherlands C) Russia D) France

DIRECTIONS for the question: Mark the best option:

Question No. : 189

The World Refugee Day is observed across the world on

A) 02 Jun B) 10 Jun C) 20 Jun D) 25 Jun

DIRECTIONS for the question: Mark the best option:

Question No. : 190

Who among the following clinched men's singles title of the Indonesia Open?

A) Kazumasa Sakai B) Tommy Sugiarto C) Prannoy Kumar D) Kidambi Srikanth

DIRECTIONS for the question: Mark the best option:

Question No. : 191

Justin Gatlin won the 100m World Championships recently while Usain Bolt was left with only a bronze in his final individual 100m race. Gatlin hails from

A) Jamaica B) Kenya C) South Africa D) US

DIRECTIONS for the question: Mark the best option:

Question No. : 192

The 75th anniversary of the Quit India Movement was observed recently on

A) 01 Aug B) 02 Aug C) 05 Aug D) 09 Aug

DIRECTIONS for the question: Mark the best option:

Question No. : 193

_____ is soon to launch a messaging service to counter Facebook's WhatsApp.

A) Paytm B) Flipkart C) Snapdeal D) Amazon

DIRECTIONS for the question: Mark the best option:

Question No. : 194

The marketplace eBay and which of the following e-commerce firms recently successfully concluded the merger transaction?

- A) Snapdeal B) Flipkart C) Infibeam D) Shopclues
-

DIRECTIONS for the question: Mark the best option:

Question No. : 195

The Bombay Stock Exchange recently joined hands with _____ for cooperation in exchange of information across business areas.

- A) Moscow Exchange B) Frankfurt Stock Exchange C) Johannesburg Stock Exchange D) Egyptian Exchange

DIRECTIONS for the question: Mark the best option:

Question No. : 196

The world's first floating wind farm was taken to the seas in which country recently?

- A) Iceland B) Scotland C) Greenland D) Poland
-

DIRECTIONS for the question: Mark the best option:

Question No. : 197

India's Karamjyoti Dalal won bronze medal at the World Para Athletics Championships 2017 in which game recently?

- A) Javelin throw B) Discus throw C) Archery D) Boxing

DIRECTIONS for the question: Mark the best option:

Question No. : 198

According to a report by the UN and OECD, which of the following countries is projected to be the world's largest milk producer by 2026?

- A) Indonesia B) Denmark C) China D) India
-

DIRECTIONS for the question: Mark the best option:

Question No. : 199

Which of the following NASA spacecrafts recently successfully peered into the giant storm raging on Jupiter, known as the Great Red Spot?

- A) Juno B) Challenger C) Enterprise D) Pathfinder

DIRECTIONS for the question: Mark the best option:

Question No. : 200

Which city was recently declared as a World Heritage City at the 41st session of UNESCO's world heritage committee held at Krakow in Poland?

- A) Bhubaneswar B) Bhopal C) Jaipur D) Ahmedabad
-

QNo:- 1 ,Correct Answer:- C

Explanation:-

Sentence E introduces '**Goa that has been extremely sensitive to the impact of unrestrained economic development**'. A exemplifies on '**the upsurge**.' B carries the idea forward with '**a similar agitation**'.

And D is the concluding sentence here.

QNo:- 2 ,Correct Answer:- D

Explanation:-

E mentions the international community was ready to help.

C follows elaborating on the help.

The EC link is only present in the 4th option

QNo:- 3 ,Correct Answer:- D

Explanation:-

E is the most independent sentence among all these sentences, so it will mark the opening of the paragraph. The problems are listed in E, D and A.

B which gives a course of action should follow them. BC will form a pair.

QNo:- 4 ,Correct Answer:- B

Explanation:-

BC shows a contrast and forms a pair

CD forms a pair as D elaborates C

A is the opening sentence as it is independent and complete..

try to solve this question according to chronology.

QNo:- 5 ,Correct Answer:- B

Explanation:-

In the 1st sentence- 'stable' does not agree with 'were', so a subject verb agreement error.

2nd sentence-correct.

3rd sentence- there 'are', the rest of the sentence is in past tense, so there is a tense mismatch.

4th sentence- servant's, should be servants'.

QNo:- 6 ,Correct Answer:- B

Explanation:-

1st sentence- there is a tense mismatch..

2nd sentence- correct.

3rd sentence- 'keep' cool should be kept.

4th sentence – 'through' the artesian well is incorrect.

QNo:- 7 ,Correct Answer:- A

Explanation:-

In the 2nd sentence there is a subject verb agreement error, as it says 'the problem'.....'are solved'.

3rd sentence- 'seem' creates a subject verb mismatch. 4th sentence- 'is solve' creates a tense error.

QNo:- 8 ,Correct Answer:- C

Explanation:-

for I refer to the first few lines of author..

First is factually incorrect as it one of the wishes of the author and not an achievement.

QNo:- 9 ,Correct Answer:- D

Explanation:-

We can't infer that somebody has gone far if one starts googling one's name multiple times.

Nothing can be inferred about increasing self esteem.

3rd option is out of scope. As per the lines "In cyber space, there is no such thing as big fish in little ponds, or little fish in big ponds. Instead, it's one swirling, bubbling swamp of amoebae all gasping for their own gulp of air. And for ego surfers, it's important we float on the surface. Research has found that 47% of internet users have performed self googling more than double the number from 5 years ago" that internet helps in giving false perception that one is important. This idea has been shown in option 4.

QNo:- 10 ,Correct Answer:- B

Explanation:-

Megalomania is an obsession with doing extravagant or grand things or actions.

Helen Wayne is also obsessed with this.

The other options are out of scope.

QNo:- 11 ,Correct Answer:- B

Explanation:-

Refer to 2nd para line last 6th line "My husband has gently.....addiction."

QNo:- 12 ,Correct Answer:- A

Explanation:-

The author tells us ways to save energy with respect to extracting energy from the earth.

QNo:- 13 ,Correct Answer:- B

Explanation:-

The author focuses on saving energy.

refer to the last few line "we know that it helps to avoid a plastic bag when you can use a newspaper bag, or a brown bag, or even a jute bag which you can use for many more years unlike a plastic bag which you throw away in less than a week or after a few uses."

QNo:- 14 ,Correct Answer:- C

Explanation:-

Refer to the first few lines as the author negates this in the passage.

QNo:- 15 ,Correct Answer:- C

Explanation:-

This is what the author focuses on throughout the passage and is concerned about the sustainable development.

QNo:- 16 ,Correct Answer:- C

Explanation:-

Refer to the 8th sentence of the passage "Climate is at best.....in our body."

QNo:- 17 ,Correct Answer:- A

Explanation:-

Refer fifth last sentence "The newly-constituted eco-panel will haveof the world".

QNo:- 18 ,Correct Answer:- C

Explanation:-

Refer sentence "It's time for a complete and comprehensive.....". Read till the end of the paragraph.
other options are incorrect as the passage is not about government or pesticides or proper social information.

QNo:- 19 ,Correct Answer:- B

Explanation:-

Boorish means rude or unmannerly. Sarcastic means cutting or bitter.
Cursory means superficial.

QNo:- 20 ,Correct Answer:- C

Explanation:-

Option 1 is out of scope.
The words 'had few historical parallels' means what america achieved or wanted to achieve was even envisaged by any other country and it refers to option 3.

QNo:- 21 ,Correct Answer:- B

Explanation:-

All others are mentioned in the paragraph.

QNo:- 22 ,Correct Answer:- B

Explanation:-

The passage refers to second para – 'The Grand Area was a region that was to be subordinated to the needs of the American economy.'
Hence option 2.

QNo:- 23 ,Correct Answer:- B

Explanation:-

Option 1 is too specific – it does not tell us what The Grand Area means.
2 is better as it tells us more clearly what it does. Hence 2.

QNo:- 24 ,Correct Answer:- B

Explanation:-

Sentence 1 is clearly given in line 4 -6 of the passage. Also from the last few lines statement II can also be inferred.Statement II is not always true as it is given that if you do not negotiate ,the other party will dictate the terms.
Hence Option 2 is correct.

QNo:- 25 ,Correct Answer:- A

Explanation:-

The passage talks of negotiation, and give and take relations for both parties, and this can be inferred from the line.....But it is also true that..... hence option 1.

QNo:- 26 ,Correct Answer:- A

Explanation:-

Refer to lines no. 6-10 of the passage.

QNo:- 27 ,Correct Answer:- B

Explanation:-

Refer to the line "In fact, the buyer or seller often wants you more than you think" given in the middle of para.

QNo:- 28 ,Correct Answer:- B

Explanation:-

'It should be 'rapids' in place of 'rapid'.

QNo:- 29 ,Correct Answer:- D

Explanation:-

'abstract' should be replaced by 'abstracted' as after 'were' the past form of the verb is required.

QNo:- 30 ,Correct Answer:- C

Explanation:-

'elicit' should have been 'elicited' as after 'might have', third form of the verb is required.

QNo:- 31 ,Correct Answer:- A

Explanation:-

Option 1 is correct

Option 2 is incorrect as it is not a harmful psychic state.

Option 4 is incorrect as it mentions that it 'does not' correspond to a psychic state.

option 3 is incorrect as the paragraph does not talk about 'mechanism to feel better'.

QNo:- 32 ,Correct Answer:- A

Explanation:-

It is clearly stated in the passage "a) man must be included with other organic beings in any general conclusion & b) respecting his manner of appearance on this Earth.

The same idea is given only in option 1.

QNo:- 33 ,Correct Answer:- D

Explanation:-

Only option 4 gives the complete purpose of the work.

Option 1, talks of only one aspect, hence incomplete.

Option 2, talks of man descending from "GODS". Not mentioned.

Option 3 can be rejected because it says that the "work will not locate".

QNo:- 34 ,Correct Answer:- A

Explanation:-

The passage talks of that dark people have highly developed sense of smell than in the white and civilized races.

The same idea is mentioned in option A.

Option B & D say the opposite.

C totally opposes the main idea.

QNo:- 35 ,Correct Answer:- A

Explanation:-

Machinate - to devise a plot.

Manage- to handle or run something

Machete- a broad heavy knife

Fatal- lethal, harmful

QNo:- 36 ,Correct Answer:- A

Explanation:-

Maelstrom - a violent or turbulent situation.

Megilp is an oil-painting medium of linseed oil mixed with mastic varnish or turpentine

QNo:- 37 ,Correct Answer:- D

Explanation:-

Ebullient - overflowing with enthusiasm or excitement.

Eccentric means peculiar.

Eburnean means made of or relating to ivory.

QNo:- 38 ,Correct Answer:- D

Explanation:-

The key words are 'cannot include' and 'not receiving the permission from your supervisor'. So the department was feeling sorry for not including the thesis in the library. 'regret' is a feeling of disappointment. *repent* is feeling remorse for one's own wrong doings.

lament is to mourn. Hence the 4th option is the best fit.

QNo:- 39 ,Correct Answer:- A

Explanation:-

As the situation has gone bad to worse so steps will be taken to lessen the severity of the problem. *Ameliorate* – to make better, improve. *Modes* does not fit the first blank so option 1.

QNo:- 40 ,Correct Answer:- C

Explanation:-

Toil denotes working hard to ensure a considerable or notable result

QNo:- 41 ,Correct Answer:- B

Explanation:-

Dates	Days	Sports
9	Wednesday	Hockey
10	Thursday	No game
11	Friday	Table-tennis
12	Saturday	Cricket
13	Sunday	No game
14	Monday	Kabaddi
15	Tuesday	Football
16	Wednesday	Badminton

So the week started with Hockey.

QNo:- 42 ,Correct Answer:- B

Explanation:-

Dates	Days	Sports
9	Wednesday	Hockey
10	Thursday	No game
11	Friday	Table-tennis
12	Saturday	Cricket
13	Sunday	No game
14	Monday	Kabaddi
15	Tuesday	Football
16	Wednesday	Badminton

So there is a gap of 5 days in-between .

QNo:- 43 ,Correct Answer:- B

Explanation:-

Dates	Days	Sports
9	Wednesday	Hockey
10	Thursday	No game
11	Friday	Table-tennis
12	Saturday	Cricket
13	Sunday	No game
14	Monday	Kabaddi
15	Tuesday	Football
16	Wednesday	Badminton

Hockey and badminton is the required answer.

QNo:- 44 ,Correct Answer:- B

Explanation:-

We are coding Akshay, Bhushan, Chanderjeet and Dhiraj as A,B,C and D respectively.

Persons	Outdoor	Fine Arts
A	Cricket	Singer
B	Hockey	Painter
C	Cricket	Painter
D	Hockey	Dancing

Therefore Chanderjeet plays cricket and is interested in painting.

QNo:- 45 ,Correct Answer:- B

Explanation:-

We are coding Akshay, Bhushan, Chanderjeet and Dhiraj as A,B,C and D respectively.

Persons	Outdoor	Fine Arts
A	Cricket	Singer
B	Hockey	Painter
C	Cricket	Painter

D	Hockey	Dancing
---	--------	---------

Akshay is the required answer.

QNo:- 46 ,Correct Answer:- B

Explanation:-

We are coding Akshay, Bhushan, Chanderjeet and Dhiraj as A,B,C and D respectively.

Persons	Outdoor	Fine Arts
A	Cricket	Singer
B	Hockey	Painter
C	Cricket	Painter
D	Hockey	Dancing

Hockey and dancing is the required answer.

QNo:- 47 ,Correct Answer:- A

Explanation:-

Members	Days	Profession
Piyush	Monday	Doctor
Kadir Khan	Wed/Sat	Engineer
Rajeev	Tuesday	Teacher
Sunanda	Friday	Nurse
Trilochan	Wed/Sat	Bank Manager
Uravashi	Thursday	Lawyer

Sunanda is the nurse in the family.

QNo:- 48 ,Correct Answer:- C

Explanation:-

Members	Days	Profession
Piyush	Monday	Doctor
Kadir Khan	Wed/Sat	Engineer
Rajeev	Tuesday	Teacher
Sunanda	Friday	Nurse
Trilochan	Wed/Sat	Bank Manager
Uravashi	Thursday	Lawyer

Kadir Khan or Trilochan is the required answer.

QNo:- 49 ,Correct Answer:- D

Explanation:-

Members	Days	Profession
Piyush	Monday	Doctor
Kadir Khan	Wed/Sat	Engineer
Rajeev	Tuesday	Teacher
Sunanda	Friday	Nurse
Trilochan	Wed/Sat	Bank Manager
Uravashi	Thursday	Lawyer

All are the correct combinations

QNo:- 50 ,Correct Answer:- B

Explanation:-

Option 1, 3 & 4 talk of how passive smoking affects others and people have realized this and avoid public places.
In option 2, other symptoms are mentioned, which is not spoken in context of the passage.
Hence, Option 2 is not in consonance with the passage.

QNo:- 51 ,Correct Answer:- D

Explanation:-

All other choices imply that early diagnosis of cancer can be detected through blood tests and this option talks about other test which is not being talked about..

QNo:- 52 ,Correct Answer:- A

Explanation:-

The theme of the passage is the problem of solid waste, especially the hazardous variety, generated by Delhi.
1 is not implied, though the fact that some of the hazardous waste making its way to common disposal sites may seem to hint towards this.
2 and 3 talk of types of solid waste generated.
4 talks of a solution to take care of some of the hazardous waste.

QNo:- 53 ,Correct Answer:- D

Explanation:-

The conclusion drawn by the argument is that rising sea levels do not seem to pose a problem for islands. 1, 2 and 3 reinforce this argument. 4 questions the study, thereby weakening the argument, and hence is not in consonance.

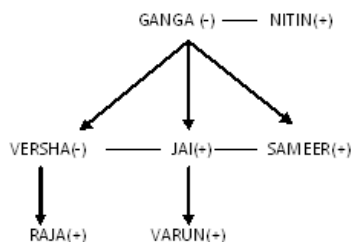
QNo:- 54 ,Correct Answer:- D

Explanation:-

The passage does not speak of violators and penalties.

QNo:- 55 ,Correct Answer:- B

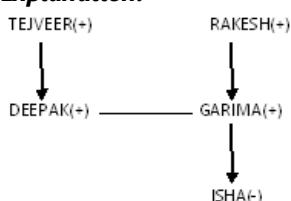
Explanation:-



Raja is also Grandson of Ganga (option B).

QNo:- 56 ,Correct Answer:- C

Explanation:-



As Garima is Daughter of Rakesh and Married to Deepak so Garima is daughter in law of Tejveer and so Tejveer becomes Grand father of Garima's daughter that is Isha. Hence option C.

QNo:- 57 ,Correct Answer:- D

Explanation:-

Dev's sister's father is Dev's father.

Son in law of Dev's father is brother in law of Dev and his wife becomes sister of Dev.

Hence,as it is not known whether Dev is a man or a woman, Dev can be Brother/Sister of that woman. So, the answer is option D.

QNo:- 58 ,Correct Answer:- B

Explanation:-

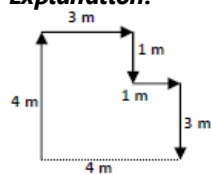
As per given condition only possible order when facing north will be :

R L M S N

Therefore M is sitting in the middle.

QNo:- 59 ,Correct Answer:- A

Explanation:-



As seen from the diagram, he is finally 4 metres away from the starting point.

QNo:- 60 ,Correct Answer:- B

Explanation:-

Order will be :-

General Manager , Assistant General Manager , Deputy General Manager , Deputy Manager , Senior Manager.

So, Deputy Genral Manager is on the third position (Option B).

QNo:- 61 ,Correct Answer:- C

Explanation:-

Both the statements are true but R is not the explanation of A

QNo:- 62 ,Correct Answer:- C

Explanation:-

Both the statements are true but R is not the explanation of A

QNo:- 63 ,Correct Answer:- A

Explanation:-

R gives the correct explanation for A as it says that because one must prepare in a planned manner,to do well in an exam that is why Students should have a definite time-table for preparing for an exam.

QNo:- 64 ,Correct Answer:- B

Explanation:-

A is true but R is false.

QNo:- 65 ,Correct Answer:- A

Explanation:-

Series is made of alphabets on either side and number in the middle.

So first calculating the number we need to have difference in the two consecutive numbers in two steps as given below:

Numbers 16 64 144 256 So, (400)

1st Difference 48 80 112 So,(144)

2nd Difference 32 32 So,(32)

So for finding the number go reverse from 2nd difference as it remains constant i.e $32 + 112 = 144$. Then 144 to 256 to get 400.

For deciding alphabets they are written everytime with the gap of one alphabet. So answer is DF 400 HJ.

QNo:- 66 ,Correct Answer:- C

Explanation:-

The first number is written with the gap of 3 then english alphabet series is written and second number is written with the gap of 4.

So answer becomes 24 JKL 40.

QNo:- 67 ,Correct Answer:- B

Explanation:-

First alphabet is written with the gap 1, then 2, then 3 and so on.

Second alphabet is written with the gap of 4, then 3, then 2, then 1.

and number is written as $4 \times 5 = 20$, then $4 \times 7 = 28$, then $4 \times 10 = 40$, then $4 \times 14 = 56$, So next will be $4 \times 19 = 76$.

So answer is OZ76.

QNo:- 68 ,Correct Answer:- B

Explanation:-

First alphabet is written with the gap of 2 everytime.

Last alphabet is written with the gap of -1 everytime.

And middle number is written as:-

$$3 \times 2 + 1 = 7$$

$$7 \times 2 + 2 = 16$$

$$16 \times 2 + 3 = 35$$

$$35 \times 2 + 4 = 74$$

$$\text{So next will be, } 74 \times 2 + 5 = 153$$

So answer is P153J.

QNo:- 69 ,Correct Answer:- A

Explanation:-

The logic is twice the sum of first and second term is the third term. (along the row)

For example - $(6+2) = 8$, $8 \times 2 = 16$

Hence answer is $11+8 = 19$, $19 \times 2 = 38$.

.

QNo:- 70 ,Correct Answer:- B

Explanation:-

None of the conclusion follows

Option I talks about arresting the hoarders and middlemen who are creating an artificial scarcity of these essential items. This will

not help in finding a solution to the problem.

Option II: The increase in indigenous production is a time taking process and this will not provide immediate relief to the problem.

QNo:- 71 ,Correct Answer:- C

Explanation:-

Conclusion 1 is incorrect as it may anchor inflation, but it does not guarantee that.

Conclusion 2 is correct as we can be sure that banks will increase at least the lending rates.

QNo:- 72 ,Correct Answer:- C

Explanation:-

Only conclusion 2 follows and there is no proof given that educated people will not be biased towards cast & other such factors.

QNo:- 73 ,Correct Answer:- D

Explanation:-

Both the conclusions follow

QNo:- 74 ,Correct Answer:- B

Explanation:-

Neither of the conclusion follows.

Both the conclusions use extreme words so are negated.

QNo:- 75 ,Correct Answer:- A

Explanation:-

Arrangement as per the given condition is:-

Farmaan	Brijendar
Anil	Elexander
Dharmendar	Chander
Left-----Entrance----Right	
(Corridor)	

So to the left of Elaxander is Chander. Hence option A.

QNo:- 76 ,Correct Answer:- B

Explanation:-

Arrangement as per the given condition is:-

Farmaan	Brijendar
Anil	Elexander
Dharmendar	Chander
Left-----Entrance----Right	
(Corridor)	

Anil is Farmaan's immediate neighbour. So answer is option B.

QNo:- 77 ,Correct Answer:- B

Arrangement as per the given condition is:-

Answer is option B.(Brijendar's office).

Explanation:-

Indian Cities	features
A	Blue Pottery
B	Garden
C	Jewellery
D	Scents
E	Education

Hence the city famous for Gardens is B.

Explanation:-

Indian Cities	features
A	Blue Pottery
B	Garden
C	Jewellery
D	Scents
E	Education

Hence, the city famous for Blue Pottery is A.

Explanation:-

Indian Cities	features
A	Blue Pottery
B	Garden
C	Jewellery
D	Scents
E	Education

Hence, city E is famous for Educational Institutes.

Explanation:-

For 1 student, 2.2 m^2 is required, now for 70 students the value $= 2.2 \times 70 = 154 \text{ m}^2$

For 1 student, 11 m^3 is required, now for 70 students, the value = $11 \times 70 = 770 \text{ m}^3$ for 70 students.
For having Area $154 \text{ m}^2 = 14 \times \text{breadth}$, gives breadth = 11 m
And for having Volume $770 \text{ m}^3 = 14 \times \text{breadth} \times \text{height} = 14 \times 11 \times \text{height}$
Therefore, height = 5 m.
Hence option C.

QNo:- 82 ,Correct Answer:- A

Explanation:-

Let tank's capacity be 24 liters

Pipe P's rate = 8 l/min

Pipe Q's rate = 4 l/min

Pipe R's rate = -6 l/min, negative sign represents the drainage

Now when all the pipes worked together for two minutes, work done is

$$(8+4-6) \times 2 = 12 \text{ liters}$$

Now out of 24 liters, 12 liters is filled.

R is closed, only P & Q will work, i.e. $8+4 = 12$ liters will be filled per minute.

So we can conclude that the remaining 12 liters will be filled in 1 minute only. So the tank will be filled in 3 minutes.

QNo:- 83 ,Correct Answer:- D

Explanation:-

Let x be the time taken to empty the tank

$$\text{Therefore, } 2/9 - 1/x = 1/5.$$

$$x = 45 \text{ hours.}$$

So answer is option D.

QNo:- 84 ,Correct Answer:- C

Explanation:-

Rate of A per hour = $1/30$

Rate of B per hour = $1/20$

So when they will work together

$$1/30 + 1/20 = 5/60.$$

Let tank will be completely full in x hours.

$$x/2 \times 1/20 + x/2 \times 1/12 = 1.$$

$$\text{So } x = 15.$$

Hence, 3rd option.

QNo:- 85 ,Correct Answer:- B

Explanation:-

Avg. speed without stoppages is 40 kmph and average speed with stoppages is 32 kmph.

So we can conclude that train has lost 8 kms in every hour, Now time taken by train for travelling that 8 kms is.

40 kms in 60 mins,

Therefore by unitary method.

$$(8/40) \times 60 = 12 \text{ mins}$$

ALTERNATIVELY

$$\text{Stoppage Time} = \text{Decrease in speed/original speed} = 8/40 \text{ hour} = 1/5 \text{ hour} = 12 \text{ minutes}$$

QNo:- 86 ,Correct Answer:- C

Explanation:-

Let speed of onward journey = x km/h.

Equation will be = $500/x + 500/0.8x = 22.5$.

By solving we can get the answer as 50 km/h which is option C.

QNo:- 87 ,Correct Answer:- A

Explanation:-

Let the distance covered by train A be x . So distance covered by train B = $(x + 120)$.

So as per the given condition, $x/50 = (x+120)/60$, gives $x = 600$.

So required distance = $x + x + 120 = 600 + 600 + 120 = 1320$.

Hence option A.

QNo:- 88 ,Correct Answer:- D

Explanation:-

$$A = P(1 + R/100)^T$$

Here $P = 20000$

$T = 3$ years

R for 1st case is 10 %

R for 2nd case is 15 %

For case 1 = $20000(1+10/100)^3 = 26620$,

For case 2 = $20000(1+10/100)^2(1+15/100) = 27830$.

So taking the difference = 1210.

So answer is option D.

QNo:- 89 ,Correct Answer:- A

Explanation:-

Let 3 years ago the height of tree = x cm.

As it is compound growth , Therefore we can apply the formula for compound interest

$$A = P(1 + R/100)^T$$

where $A = 570$

$P = x$

$T = 3$

$R = 30$

After 3 years = $x(130/100)^3 = 670$, gives $x = 305$ cm.

So answer is option A.

QNo:- 90 ,Correct Answer:- D

Explanation:-

Let amount of principal = x .

For interest being calculated annually ,

$$A = P(1 + R/100)^T$$

For interest being calculated half yearly ,

$$A = P(1 + R/100)^{2T}$$

As first amount = Second amount

$x(1+5/100)^4 = x(1 + r/100)^2$, gives $r = 41/4$ %.

Hence option D.

QNo:- 91 ,Correct Answer:- D

Explanation:-

The ratio in which a person can divide pens is 20:15:12:10.

So minimum number of pens that a person should have = $20 + 15 + 12 + 10 = 57$.

So answer is option D.

QNo:- 92 ,Correct Answer:- C

Explanation:-

Let a, b and c be three numbers

$$a : b = 3 : 2 \text{ (1)}$$

$$\text{And } b : c = 3 : 2 \text{ (2)}$$

Multiplying (1) by 3 and (2) by 2 and combining we get, First : Second : Third = $9 : 6 : 4$

So second number should be multiple of 6. Hence among the given options 12 is the answer.

Alternatively, after getting the ratio of the numbers, assume them to be $9x, 6x$ and $4x$.

The sum of their squares is given, so on comparing them, we will get $x^2 = 4$ or $x = 2$ and hence $6x = 12$.

QNo:- 93 ,Correct Answer:- D

Explanation:-

Let initial cost of raw material = $5x$

and initial manufacturing cost = $4y$

Now cost = $5x + 4y = 3(5x)$.

Solving $(y/x) = (5/2)$ or $y = 5/2x$

Also, initial cost is $5x + 4y = 6$ -----(i)

and $12x + 5y = ?$ ------(ii)

Solving and putting the value of y in (i) we get $x = 2/5$ and $y = 1$

So, $12(2/5) + 5(1) = 9.8$ Hence option 4.

QNo:- 94 ,Correct Answer:- A

Explanation:-

Let x and y be the respective ages ,

Now , According to question

$$1/x + 1/y = 5(1/x - 1/y) \text{ (1)}$$

$$\text{and } (x+y)/(x.y) = 1/14.4, \text{ Using (1), we get, } 1/x - 1/y = 1/72 \text{ (2)}$$

$$\text{Using (2) in (1) we get, } 1/x + 1/y = 5/72 \text{ (3)}$$

Solving (2) and (3), we get, $y = 36$ years and $x = 24$ years.

QNo:- 95 ,Correct Answer:- C

Explanation:-

Let E & Y be the present ages of elder and younger sisters.

According to the given conditions,

$$Y/(E + 1) = 1/2, \text{ gives } 2Y - E = 1 \text{ (1)}$$

$$(Y - 2)/E = 1/3, \text{ gives } 3Y - E = 6 \text{ (2)}$$

Solving (1) and (2) we get, $E = 9$ years and $Y = 5$ years.

QNo:- 96 ,Correct Answer:- A

Explanation:-

Let the candidates in the roms be A and B respectively

Now as per the given conditions, we get

$$(A - 10) = (B + 10) \dots (1)$$

$$A + 20 = 2(B - 20) \dots (2)$$

Solving (1) and (2) we get, $A = 100$ and $B = 80$.

QNo:- 97 ,Correct Answer:- D

Explanation:-

Let total Money Bholu has = x .

$$\text{Equation will be } = [1/(x-1) + x^2] - x = 1/(x-1) + 2.$$

By solving we get the answer as 2.

So answer is option D.

QNo:- 98 ,Correct Answer:- A

Explanation:-

$$\text{Distance} = 800 = S \times T.$$

$$800 = (S + 40) (T - 40/60).$$

By solving two equations we get the speed of aircraft = 200km/h.

So answer is option A.

QNo:- 99 ,Correct Answer:- A

Explanation:-

Let speed of scooty = S , Time taken by Auto to cover 1000 km = T .

$$\text{Distance of Auto} = 1000 = (S + 10)T.$$

$$\text{Distance of Scooty} = 1000 = S(T + 5).$$

By solving both equations we get the speed of Scooty = 40 km/h.

So answer is option A.

QNo:- 100 ,Correct Answer:- A

Explanation:-

Total no of 6 digit numbers =

$$9 \times 10^5 = 900000,$$

Number of cases where no digit is repeated

$$= 9^2 \times 8 \times 7 \times 6 \times 5 = 136080.$$

$$\text{So } 900000 - 136080 = 763920.$$

So answer is 1st option.

QNo:- 101 ,Correct Answer:- B

Explanation:-

We are required to find the probability that two are red and one is blue

Now we have in total 4 red balls and 2 blue balls

We need to pick 2 red balls out of 4 and 1 blue ball out of 2

Overall there are 14 balls, Therefore

$$\text{Required probability is } \frac{{}^4C_2 \times {}^2C_1}{{}^{14}C_3} = \frac{6 \times 2}{364} = \frac{3}{91}. \text{ Hence option 2.}$$

QNo:- 102 ,Correct Answer:- A

Explanation:-

Here, a dye can be selected in 2 ways, either chosen or rejected. Therefore, 5 different green dyes can be selected in 2^5

ways. Now, we are given that we have to take atleast one green dye, implies that 5 different green dyes will be selected in $(2^5 - 1)$ ways. Similarly, 4 different blue dyes will be selected in $(2^4 - 1)$ ways and 3 different red dyes will be selected in 2^3 ways. Hence,
 $(2^5 - 1)(2^4 - 1) 2^3 = 3720$.
So answer is 1st option.

QNo:- 103 ,Correct Answer:- D

Explanation:-

The number of ways in which 5 identical balls can be distributed among 10 identical boxes, if not more than one ball can go into a box,
 $= {}^{10}C_5 = 252$.
So answer is option D.

QNo:- 104 ,Correct Answer:- D

Explanation:-

For finding the probability that all lamps are burning we need to pick 3 good lamps out of 6 and overall there are 10 lamps
Required Probability = ${}^6C_3 / {}^{10}C_3 = 1/6$.
So answer is option D.

QNo:- 105 ,Correct Answer:- C

Explanation:-

We have to find the odds in favour of A's winning at least one game, So working inversely, we can subtract the probability of A losing all the games from total probability, i.e.
 $1 - (2/7)^3 = 335/343$. So odds in favour of A's winning atleast one game = 335 : 8
So answer is option C.

QNo:- 106 ,Correct Answer:- A

Explanation:-

As against every choice player 1 make, Player B can make 16 choices, Therefore total cases are 256,
Now there are 16 cases when the both will choose the same number, Therefore probability of winning is $16/256 = 1/16$
Probability of not winning a prize in a single trial = $1 - 1/16 = 15/16$.
So answer is 1st option.

QNo:- 107 ,Correct Answer:- A

Explanation:-

Let x is the probability that it will get both the contracts.
 $4/5 = 2/3 + 4/9 - x \Rightarrow x = 14/45$.
So answer is 1st option.

QNo:- 108 ,Correct Answer:- C

Explanation:-

Let Ajita take x days to complete the work.
 $(1/10) \times 6 + (1/10 + 1/12) \times x = 1$
So $x = 24/11$.
So answer is option C.

QNo:- 109 ,Correct Answer:- A

Explanation:-

Let number of days taken by Ashokan = x .

So number of days taken by Nitin = $x + 40$. So as per the given condition as Ashokan is thrice as good as Nitin, hence, Nitin should take thrice days to complete the same work than Ashokan

Hence, $x + 40 = 3x$, gives $x = 20$

Now their one day's work = $1/60 + 1/20 = 1/15$. Hence they will take 15 days to complete the work.

QNo:- 110 ,Correct Answer:- D

Explanation:-

Let number of days taken by A & B to work together = x days. Hence, $1/(x+8) + 1/(x+4.5) = 1/x$.

By solving the equation we get, $x = 6$ hours

QNo:- 111 ,Correct Answer:- C

Explanation:-

Let days taken by Uma = x , Madhu = $2x$, Ramesh = $2x/3$. Hence, $1/x + 1/2x + 3/2x = 1/6$, Gives $x = 18$ days.

So madhu will take = $2 \times 18 = 36$ days.

QNo:- 112 ,Correct Answer:- C

Explanation:-

Let original price/kg = P and Quantity = 30 kg. So Expenditure $E = P \times 30$(1)

Now, as per the given condition, $1.32 P \times \text{New Quantity} = 1.1 \times E$(2)

Solving (1) and (2) we get, New Quantity = $55/66 \times 30 = 25$ kg.

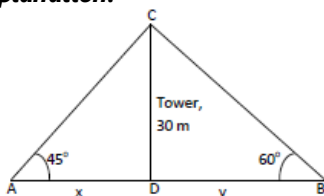
QNo:- 113 ,Correct Answer:- B

Explanation:-

Let original income = x .

$x \times 0.8 \times 0.12 = 0.10 \times 0.8(x + 1200)$, gives $x = 6000$. So increased income = $6000 + 1200 = 7200$.

QNo:- 114 ,Correct Answer:- A

Explanation:-

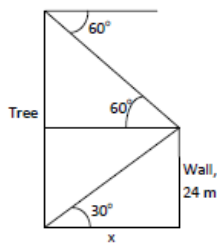
In $\triangle ACD$, $\tan 45^\circ = 30/x$, gives $x = 30$ m

In $\triangle BCD$, $\tan 60^\circ = 30/y$, gives $y = 30/\sqrt{3}$ m

So distance between A and B = $x + y = 30 + 30/\sqrt{3} = 47.32$ m

QNo:- 115 ,Correct Answer:- A

Explanation:-



Now, referring to figure, $\tan 30^\circ = 24/x$
 Gives, $x = 24\sqrt{3} \text{ m} = 41.56 \text{ m}$

QNo:- 116 ,Correct Answer:- B

Explanation:-

Let total number of students = x .

Number of students who pass = $100 - [30 + 35 + (-27)] = 62$.

So $x \times 62/100 = 248$, gives, $x = 400$.

QNo:- 117 ,Correct Answer:- C

Explanation:-

Let monthly rent = x .

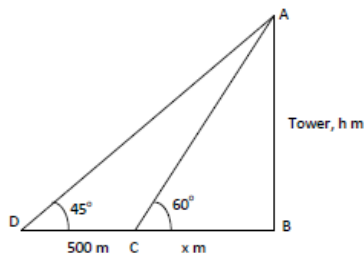
$x \times 7/8 \times 12 - 325 = 5500$.

Solving this, we get x as 554.76.

Hence it is 3rd option.

QNo:- 118 ,Correct Answer:- A

Explanation:-



In ΔABC , $\tan 60 = h/x$, $\sqrt{3} = h/x$(1).

In ΔABD , $\tan 45 = h/(x+500)$(2).

Using 1st and 2nd equations, we get $h = h/\sqrt{3} + 500$.

By solving we get, $h = (500\sqrt{3})/(\sqrt{3} - 1) \text{ m}$

QNo:- 119 ,Correct Answer:- A

Explanation:-

We have to find the probability that two of the three selected seats are in the front row

We have 4 front seats , and there are 6 seats in total , Therefore required probability is:

$$\frac{{}^4C_2 \times {}^2C_1}{{}^6C_3} = 0.6$$

QNo:- 120 ,Correct Answer:- C

Explanation:-

Difference = Vol of cylinder – Volume of cuboid
 $= \pi r^2 h - lbh = 3.14 \times 5 \times 5 \times 21 - 21 \times 10 \times 10$
 $= 451.5$.
So answer is 3rd option.

QNo:- 121 ,Correct Answer:- D

Explanation:-

Average annual percentage growth rate for India = $(7 - 4)/4 \times 100 \times 1/3 = 25\%$
Average annual percentage growth rate for Kenya = $(6 - 4.5)/4.5 \times 100 \times 1/3 = (100/9)\%$
So required percentage = $(25 - 100/9)/(100/9) \times 100 = 125\%$.

QNo:- 122 ,Correct Answer:- B

Explanation:-

Required Percentage rate of decline = $(6 - 2.5)/6 \times 100 = 3.5/6 \times 100 = 58\%$.

QNo:- 123 ,Correct Answer:- C

Explanation:-

FDI inflow to India = $4 + 6 + 7 + 8 + 6.5 + 9 = 40.5$
FDI inflow to Kenya and Tanzania = $(4.5 + 5 + 6 + 3 + 2.5 + 4) + (6 + 7 + 3.5 + 4.5 + 4 + 6.5) = 56.5$
Required answer = $40.5/56.5 = 0.72$.

QNo:- 124 ,Correct Answer:- A

Explanation:-

Highest FDI inflow for India - 9
Lowest FDI inflow for India - 4
Kenya's FDI inflow total = 25
Now as per the requirement of question
 $(9 - 4)/25 \times 100 = 20\%$. Hence option 1.

QNo:- 125 ,Correct Answer:- D

Explanation:-

Total FDI of India = 8.
Therefore from USA = $1/4 \times 8 = 2$.
Remaining = $8 - 2 = 6$.
From Europe = $1/2 \times 6 = 3$.
Hence the ratio = $2 : 3$.

QNo:- 126 ,Correct Answer:- C

Explanation:-

% Turnover for rest of Africa in leather goods
 $= (\text{Turnover of Africa} - \text{Turnover of Tanzania}) / \text{Turnover of Africa for leather}$
 $= [30 - (40 \times 25/100)]/30 \times 100 = 20/30 \times 100 = 67\%$.

QNo:- 127 ,Correct Answer:- C

Explanation:-

Turnover for Rest of Africa for Ivory and Garment can be calculated by Subtracting turnover from Tanzania of Ivory and Garment from the total share i.e
 $50 \times 10^6 - 50\% \text{ of } 40 \times 10^6$

Further Electrical and Leather goods constitute 35 % of total Tanzanian turnover, Therefore required ratio is -

$$\text{Ratio} = \left[\frac{50 - \left(\frac{50}{100} \times 40 \right)}{\frac{35}{100} \times 40} \right] = \left(\frac{50 - 20}{14} \right) = 30/14 = 2.14:1 \quad \text{Answer} = 3^{\text{rd}} \text{ Option.}$$

QNo:- 128 ,Correct Answer:- B

Explanation:-

Turnover of Tanzania for Electrical goods and Handicrafts together is 25 % of the total turnover and Turnover for Rest of Africa for Garments can be calculated by Subtracting turnover of Tanzania for Garments from the total share i.e

$$40 \times 10^6 - 30 \% \text{ of } 40 \times 10^6$$

Therefore required ratio-

$$\text{Ratio} = \left(\frac{\frac{25}{100} \times 40}{40 - \frac{30}{100} \times 40} \right) = \frac{10}{40 - 12} = 0.36$$

QNo:- 129 ,Correct Answer:- D

Explanation:-

The turnover from Ivory and Garments together from Tanzania is 50 % of total , Turnover for Rest of Africa for Ivory and Garment can be calculated by Subtracting turnover from Tanzania of Electrical and leather from the total share i.e

$$45 \times 10^6 - 35 \% \text{ of } 40 \times 10^6$$

$$\text{Ratio} = \left(\frac{\frac{50}{100} \times 40}{45 - \frac{35}{100} \times 40} \right) \times 100 = 2000/31 = 64.5\%$$

QNo:- 130 ,Correct Answer:- C

Explanation:-

Handicraft from Tanzania is 15 % of total , i.e 40 million = 6 million

$$\text{Turnover of Electrical from R.O Africa} = \left(\frac{120}{100} \left[15 - \frac{10}{100} \times 40 \right] \right) = 13.2 \text{ and}$$

Handicraft from Tanzania = 6.

Hence ratio is 6 : 13. Option 3.

QNo:- 131 ,Correct Answer:- D

Explanation:-

$$C \text{ in } 2008 = 90000 \times 76/100 = 68400.$$

In 2009 , rise is 20 %

$$\text{Therefore new population} = 90000 \times 1.2 = 108000$$

$$C \text{ in } 2009 = 108000 \times 74/100 = 79920.$$

$$\text{Change} = 11520/68400 \times 100 = 16.84\%.$$

So answer is 4th option.

QNo:- 132 ,Correct Answer:- A

Explanation:-

number of employees at location B in 2008 is 5 % of 90000

number of employees at location B in 2009 is 7 % 108000

Therefore required ratio

$$90000 \times 5/100 / 108000 \times 7/100 = 25/42.$$

So answer is 1st option.

QNo:- 133 ,Correct Answer:- C

Explanation:-

Change in number of employees at location E = $(.01 \times 108000 - 0.01 \times 90000) = 180$

Change in number of employees at location B = $(0.07 \times 108000 - 0.05 \times 90000) = 3060$

So required ratio = $180/3060 = 1/17$.

QNo:- 134 ,Correct Answer:- D

Explanation:-

In 2009 change of no. of employees at location D (with 20% increase) = $(0.02 \times 108000 - 0.02 \times 90000) = 360$

In 2009 change of no. of employees at location C (with 25% increase)C = $(0.74 \times 1.25 \times 90000 - 0.76 \times 90000) = 14850$

Required ratio = $360/14850 = 4/165$.

QNo:- 135 ,Correct Answer:- A

Explanation:-

With 25% increase number of employees at F in 2009 = $0.11 \times 1.25 \times 90000 = 12375$

Number of employees at A in 2008 = $0.03 \times 90000 = 2700$

Required difference = $12375 - 2700 = 9675$

QNo:- 136 ,Correct Answer:- D

Explanation:-

% of population who could have been expected to visit XYZ = $(\text{Expected people} / \text{Total people}) \times 100$

Therefore required percentage is

$4000/150000 \times 100 = 2.6\%$.

So answer is 4th option.

QNo:- 137 ,Correct Answer:- B

Explanation:-

Profit in I year = $40 \times 15/100 = 6$

Profit in VI year = $44.7 \times 15/100 = 6.705$.

Difference in profit = 0.705 cr.

So answer is 2nd option.

QNo:- 138 ,Correct Answer:- A

Explanation:-

Value of total sales revenue in rupees crores for Year I, Year II, Year III, Year IV, Year V and Year VI is 40, 40.9, 41.8, 42.7, 43.7 and 44.7 respectively.

Therefore Average = $(40 + 40.9 + 41.8 + 42.7 + 43.7 + 44.7)/6 = 42.3$.

QNo:- 139 ,Correct Answer:- A

Explanation:-

Since the number of terms is even, the median will be the average of the two central terms i.e.

$(41.8 + 42.7)/2 = 42.25$

QNo:- 140 ,Correct Answer:- D

Explanation:-

For Year III = $(41.8-40.9)/40.9 \times 100 = 2.23 \%$
For Year VI = $(44.7-43.7)/43.7 \times 100 = 2.28 \%$
For Year II = $(40.9-40)/40 \times 100 = 2.25 \%$
For Year V = $(43.7 - 42.7)/42.7 \times 100 = 2.34\%$.
Therefore it is maximum in year 5.

QNo:- 141 ,Correct Answer:- A

Explanation:-

For column 1 , Length remains 80 % of itself and breadth remain 90 % of itself
Considering both L and B as 1 , we have
Net change as $0.8 \times 0.9 = 0.72$ i.e decrease of 28 %
For column 2 , Length remains 85 % of itself and breadth remain 85 % of itself
Net change is $0.85 \times 0.85 = 0.7225$ i.e decrease of 27.75 %
Therefore column 1 > Column 2
I.e option A

QNo:- 142 ,Correct Answer:- A

Explanation:-

Since 30 % of 5 liters is mixed with 60 % of 3 , Therefore total juice is 3.3 and total quantity is $5+3 = 8$
On this basis , we will find both the quantities.
 $30\% \text{ of } 5 + 60\% \text{ of } 3 = 1.5 + 1.8 = 3.3L$,
i.e. $(3.3/8) \times 100 = 41.25$
 $50\% \text{ of } 8 + 30\% \text{ of } 20 = 4 + 6 = 10L$,
i.e. $(10/28) \times 100 = 35.71$.
This shows $A > B$.
Ans: 1

QNo:- 143 ,Correct Answer:- B

Explanation:-

A. 20% more of 120 = 144.
B. 80% more of 80 = 144.
So $A = B$
Ans is 2nd option.

QNo:- 144 ,Correct Answer:- C

Explanation:-

Column A: Let the side of square be s , so area = $s \times s$
After error new side = $s + 5\% \text{ of } s = 1.05s$
So new area = $1.05s \times 1.05s = 1.1025 s \times s$
So % error in area = $(1.1025 - 1)/1 \times 100 = 10.25\%$
Column B: Let the side of rectangle be l and b , so area = $l \times b$
After error new sides = $1.06l$ and $1.045b$
So new area = $1.06l \times 1.045b = 1.1077 l \times b$
So % error in area = $(1.1077 - 1)/1 = 10.77\%$

So clearly column B is greater.

QNo:- 145 ,Correct Answer:- A

Explanation:-

Revenue = Tax × Consumption

When tax is reduced by 15 % it remains as 85 %, if consumption is increased by 10 %, it becomes 110 % For column A calculations (A) is mentioned, For column B, (B) is mentioned

New Revenues = 0.85×1.10 (A)

$< 0.90 \times 1.11$ (B) = 0.935 < 0.999

Reduction in revenue = 6.5% for A > 1% for B

Ans:- 1

QNo:- 146 ,Correct Answer:- A

Explanation:-

Statement I will be enough to calculate area of Square with the help of Pythagoras theorem and hence area of square.

Statement II will not give any specific perimeter as there are infinite positive multiples of 8.

QNo:- 147 ,Correct Answer:- B

Explanation:-

From statement 1 we did not get any idea about bags of apple.

From statement 2 again nothing can be derived

but if we combine statements 1 and 2.

Let grapes bags sold = x and apples bags sold = y

$400x + 500y + 200 = 3000$ (1)

And $x + y + 1 = 7$ (2)

Solving 1 and 2 we get, apples bags sold = y = 4.

QNo:- 148 ,Correct Answer:- C

Explanation:-

Statement 1 is true for any polygon, hence it is a fact and does not help in answering the question.

From statement 2, we get

Sum of Exterior Angle = 360

Sum of Interior and Exterior is = 1980

Sum of Interior Angles = $1980 - 360 = 1620$

$= (n - 2) \times 180$, $n - 2 = 9$, $n = 11$ sides.

Hence the second statement alone is sufficient to answer the question. Option 3 is the answer.

QNo:- 149 ,Correct Answer:- A

Explanation:-

From statement 1 is required to give the cost of similar loaf as if dimension is $1/5$ so rate will also be $1/5$.

From statement 2 "The weight of original loaf of cake is 200 gm." No useful info can be derived.

Hence only the first statement is sufficient to answer the question. Thus first option.

QNo:- 150 ,Correct Answer:- B

Explanation:-

For statement 1, radius of ball is not known

For statement 2, radius of bucket is not known

As for finding rise in level of water radius of both sphere and bucket are required, hence answer is option B.

QNo:- 151 ,Correct Answer:- B

Explanation:-

Ans- 2, Combined export of A = $90+100+110+120+90+80+70+80+90+80+75+70+50+40+30+40+50+55 = 1320$.

Combined Export of B = $70+80+90+100+110+120+40+50+60+70+80+90+35+45+55+65+75+85 = 1320$.

As both of those are equal, the answer to the question will be None i.e. second option.

QNo:- 152 ,Correct Answer:- A

Explanation:-

Total of X,Z from Jan-Mar = $300 + 120 = 420$,

Total of X,Z from Apr-June = $290 + 145 = 435$

% Increase = $(15/420) \times 100 = 50/14 = 3.57\%$.

QNo:- 153 ,Correct Answer:- A

Explanation:-

Sum of Export of A in June = $80 + 70 + 55$

= $205 \times 1.2 = 246$ (July) ,

Sum of Export of B in June = $120 + 90 + 85$

= $295 \times 1.11 = 328$ (July).

Now difference = $328 - 246 = 82$.

Ans:- 1

QNo:- 154 ,Correct Answer:- B

Explanation:-

A changes from 70 to 75 i.e change of 5

B changes from 40 to 80 , i.e change of 80

A, $70 \rightarrow 75 \Rightarrow 5/70 = 1/14$,

B $40 \rightarrow 80 \Rightarrow 40/40 = 1/1$ &

$A/B = (1/14) / (1) = 1/14$ So Ans:- 2

QNo:- 155 ,Correct Answer:- C

Explanation:-

For house A , z increases from 30 to 55

For house B , z increases from 55 to 85

A $z \ 30 \rightarrow 55 \Rightarrow 25/30$,

B $z \ 55 \rightarrow 85 \Rightarrow 30/55$

$B : A = (30/55)/(25/30) = 36/55 = 0.65/1$

QNo:- 156 ,Correct Answer:- D

Explanation:-

Harmonic Mean =

No of quantities/sum of reciprocal of all quantities. By solving we get = $4200 \times 6/1073 = 23.48$ crores.

QNo:- 157 ,Correct Answer:- B

Explanation:-

Percentage increase in expenditure in:-

June = $(75 - 70)/70 \times 100 = 7.14\%$

February = $(55 - 50)/50 \times 100 = 10\%$

April = $(65 - 60)/60 \times 100 = 8.33\%$

May = $(70 - 65)/65 \times 100 = 8\%$. Hence highest is in the month of February.

QNo:- 158 ,Correct Answer:- C

Explanation:-

Total profit = 175

Total expenditure = 375

$175/375 \times 100 = 46.6\%$.

So answer is 3rd option.

QNo:- 159 ,Correct Answer:- A

Explanation:-

Profit in July = $(35 - 10)/10 \times 25 + 25 = 87.5$ crore

Expenditure in July = $1.4 \times 70 = 98$ crore

Total Revenue = Expenditure + profit = $98 + 87.5 = 185.5$ crores.

QNo:- 160 ,Correct Answer:- C

Explanation:-

Total Expenditure = 375, Total Profit = 175.

i.e 200 in excess

So excess % expenditure = $200/175 \times 100 = 114\%$.

QNo:- 161 ,Correct Answer:- B

Explanation:-

QNo:- 162 ,Correct Answer:- A

Explanation:-

QNo:- 163 ,Correct Answer:- C

Explanation:-

QNo:- 164 ,Correct Answer:- A

Explanation:-

QNo:- 165 ,Correct Answer:- A

Explanation:-

QNo:- 166 ,Correct Answer:- B

Explanation:-

QNo:- 167 ,Correct Answer:- B

Explanation:-

QNo:- 168 ,Correct Answer:- C

Explanation:-

QNo:- 169 ,Correct Answer:- D

Explanation:-

QNo:- 170 ,Correct Answer:- A

Explanation:-

QNo:- 171 ,Correct Answer:- B

Explanation:-

QNo:- 172 ,Correct Answer:- A

Explanation:-

QNo:- 173 ,Correct Answer:- A

Explanation:-

QNo:- 174 ,Correct Answer:- C

Explanation:-

QNo:- 175 ,Correct Answer:- A

Explanation:-

QNo:- 176 ,Correct Answer:- A

Explanation:-

QNo:- 177 ,Correct Answer:- A

Explanation:-

QNo:- 178 ,Correct Answer:- D

Explanation:-

QNo:- 179 ,Correct Answer:- A

Explanation:-

QNo:- 180 ,Correct Answer:- A

Explanation:-

QNo:- 181 ,Correct Answer:- B

Explanation:-

QNo:- 182 ,Correct Answer:- D

Explanation:-

QNo:- 183 ,Correct Answer:- D

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QNo:- 184 ,Correct Answer:- D

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QNo:- 185 ,Correct Answer:- D

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QNo:- 186 ,Correct Answer:- D

Explanation:-

QNo:- 187 ,Correct Answer:- C

Explanation:-

QNo:- 188 ,Correct Answer:- A

Explanation:-

QNo:- 189 ,Correct Answer:- C

Explanation:-

QNo:- 190 ,Correct Answer:- D

Explanation:-

QNo:- 191 ,Correct Answer:- D

Explanation:-

QNo:- 192 ,Correct Answer:- D

Explanation:-

QNo:- 193 ,Correct Answer:- A

Explanation:-

QNo:- 194 ,Correct Answer:- B

Explanation:-

QNo:- 195 ,Correct Answer:- D

Explanation:-

QNo:- 196 ,Correct Answer:- B

Explanation:-

QNo:- 197 ,Correct Answer:- B

Explanation:-

QNo:- 198 ,Correct Answer:- D

Explanation:-

QNo:- 199 ,Correct Answer:- A

Explanation:-

QNo:- 200 ,Correct Answer:- D

Explanation:-
