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Reasoning

Instructions

For the following questions answer them individually

Question 1

In a certain code, WORKER is written as OKROKR. How will ASSUME be written in that code?

A   SUESUE

B   SUESVE

C   SUMSUM

D   SSESSE

   Answer: A

Question 2

Select the option that will correctly replace the question mark (?) in the given pattern.

| 9	81	?
25	121	289
49	169	361

A   729

B   125

C   256

D   225

   Answer: D

Question 3

Select the Venn diagram that best represents the given set of classes.
Units, Watt, Volt

A

B

C

D
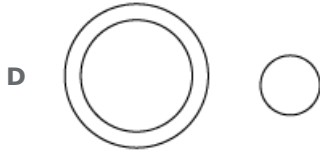
Answer: B

Question 4

The statements below are followed by two conclusions labeled I and II. Assuming that the information in the statements is true, even if it appears at variance with generally established facts, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements.

Statements:
1) Some mouses are whales.
2) All whales are dogs.

Conclusion:
I. Some mouses are dogs.
II. No mouse is dog.

A   Only conclusion I follows.

B   Both conclusions follow.

C   Neither conclusion I nor conclusion II follows.

D   Only conclusion II follows.

Answer: A

Question 5

A square transparent sheet with a pattern is given. How will the pattern appear when the transparent sheet is folded along the dotted line?


A

B

C

D
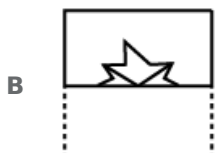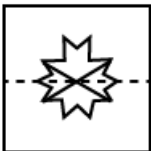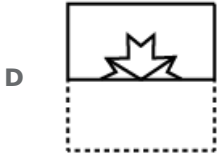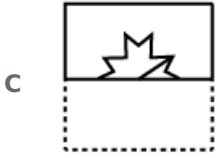
Answer: D

Question 6

Select the option that will correctly replace the question mark (?) in the series.
9, 20, 42, 75, ?

A 99

B 129

C 109

D 119

Answer: D

Question 7

Eight friends A, B, C, D, E, F, G and H are sitting around a circular table facing each other for a lunch. A is opposite F and third to the right of B. G is between F and D. H is to theleft of D. E is between C and A. Who is sitting opposite H?

A B

B C

C D

D G

Answer: A

Question 8

The statements below are followed by two conclusions labeled I and II. Assuming that the information in the statements is true, even if it appears at variance with generally established facts, decide which conclusion(s) logically and definitely follow(s) from the information given in the statements.
Statements:
1) All knights are nuns.
2) All nuns are men.
Conclusion:
I. All men are knights.
II. All knights are men.

A Either conclusion I or conclusion II follows.

B   Both conclusions follow.

C   Only conclusion II follows.

D   Only conclusion I follows.

   Answer: C

Question 9

Choose the option in which the figure marked 'X' is embedded. (Rotation is not allowed)

A

B

C

D
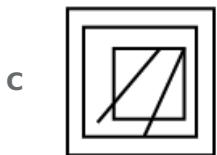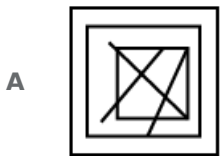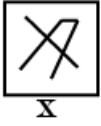
   Answer: A

Question 10

Choose the odd one out of the given options.

A   EKO

B   JIU

C   KVG

D   QMJ

   Answer: A

Question 11

Select the option that is related to the third term in the same way asthe second term is related to the first term.
DEH : HIL :: GHL : ?

A   KJP

B   KPL

C   KLP

D   KLO

   Answer: C

Question 12

Choose the option that most closely resembles the mirror image of the given word when mirror is placed at right side.

VOCATION

A

B

C

D

   Answer: B

Question 13

Choose the odd one out of the given options.

A   Colombia

B   Canada

C   Asia

D   China

   Answer: C

Question 14

Select a figure from amongst the four alternatives that when placed in the blank space (?) of figure X will complete the pattern. (Rotation is not allowed).

X

A

B

C

D
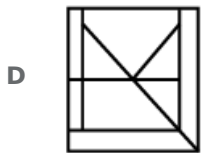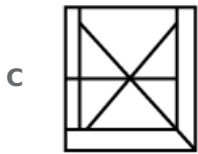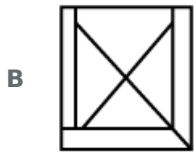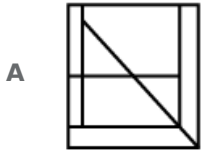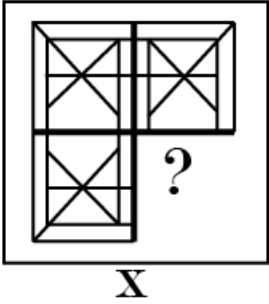
Answer: C

Question 15

In a certain code, CIRCLE is written as 50. How will ALGAE be written in that code?

A   57

B   26

C   23

D   59

Answer: B

Question 16

Seven friends O, P, Q, R, S, T and U are watching a movie sitting in a row. S is sitting at one extreme end. Q is sitting second to the right of S. P is sitting between O and Q.U is not sitting at any extreme end.R is sitting to the left of T. Who is sitting between P and R?

A   U

B R

C Q

D O

Answer: D

Question 17

Select the option that will correctly replace the question mark (?) in the series.
SNC, QPA, ORY, MTW, ?

A KUU

B KVV

C KUV

D KVU

Answer: D

Question 18

Select the option that will correctly replace the question mark (?) in the series.
20, 24, 40, 76, ?

A 130

B 120

C 145

D 140

Answer: D

Question 19

Choose the option that would follow next in the given figure series.

Problem Fig.

A

B

C

D
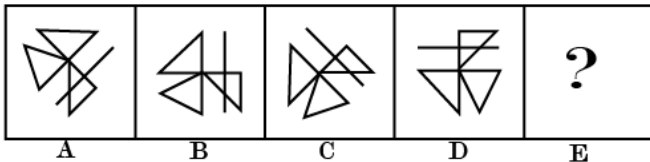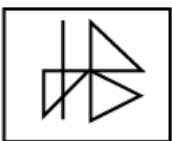
Answer: C

Question 20

J, K, L, M, N and O are six teachers. Each one teaches a different subject out of Hindi, English, Math, Science, Social Science and Arts, not necessarily in the same order. Each of them teaches on only one day, from Monday to Saturday, not necessarily in the same order. J teaches Arts on Saturday. L teaches neither English nor Social Science, but he teaches on Thursday. Wednesday is reserved for Maths taught by K. O teaches Science a day before N. Social Science is taught a day before Arts. Which subjectis taught on the day between Social Science and Math?

A Science

B Hindi

C English

D Arts

Answer: B

Question 21

Select the option that is related to the third term in the same way as the second term is related to the first term.
Aeroplane : Hanger :: Gun : ?

A Shoot

B Armoury

C Human

D Fire

Answer: B

Question 22

Choose the odd number out of the given options.

A 27

B 625

C 343

D 125

    Answer: B

Question 23

Find out the two signs to be interchanged to make the following equation correct.
$30 + 28 \times 3 - 16 \div 4 = -50$

A $\times$ and $\div$

B $+$ and $-$

C $-$ and $\times$

D $-$ and $\div$

    Answer: B

Question 24

Select the option that is related to the third number in the same way as the second number is related to the first number.
22 : 242 :: 18 : ?

A 275

B 169

C 162

D 221

    Answer: C

Question 25

Select the option that is related to the third term in the same wayas the second term is related to the first term.
Chef : Knife :: Surgeon : ?

A Scalpel

B Grip

C Chisel

D Spade

    Answer: A

General knowledge

Instructions

For the following questions answer them individually

Question 26

'Do or Die' was the slogan of which famous movement in India?

A   Quit India Movement

B   Civil Disobedience Movement

C   Non-cooperation Movement

D   Rowlatt Movement

   Answer: A

Question 27

Which Indian city is the first to make it to the UNESCO World Heritage List?

A   Bhubaneswar

B   Indore

C   Bengaluru

D   Ahmedabad

   Answer: D

Question 28

Doddabetta is the highest peak of which of the following mountain ranges?

A   Vindhya

B   Satpura

C   Aravalli

D   Nilgiri

   Answer: D

Question 29

Which of the following statements about the National Human Rights Commission is correct?

A   It consists of 10 members.

B   Its powers are only recommendatory in nature.

C   Mumbai serves as its Headquarters.

D   Its chairman must be sitting judge in the Supreme Court.

   Answer: B

Question 30

The King Khalid International Airport serves which country?

A Syria

B Traq

C Bahrain

D Saudi Arabia

  Answer: D

Question 31

Which of the following is one of the criteria to represent the standard of living in a country?

A Industrial growth

B Poverty ratio

C National income

D Per capita income

  Answer: D

Question 32

Rapid integration between countries is known as:

A globalisation

B liberalisation

C modernisation

D privatisation

  Answer: A

Question 33

The term "double fault" is used in:

A volleyball

B tennis

C snooker

D kabbadi

  Answer: B

Question 34

.... is widely used as a fuel and is a major component of compressed natural gas.

A   Propane

B   Octane

C   Methane

D   Butane

Answer: C

Question 35

Which one of the following products received the first geographical indication (GI) in India?

A   Mizo Chilli

B   Ratlami Sev

C   Joha Rice

D   Darjeeling Tea

Answer: D

Question 36

Where did Babur defeat Ibrahim Lodhi in 1526?

A   Haldighati

B   Kalinjar

C   Chausa

D   Panipat

Answer: D

Question 37

Which temples are well-known for their Nagara-style of architecture having erotic sculptures?

A   Khajuraho

B   Somnath

C   Hampi

D   Meenakshi

Answer: A

Question 38

The temperate grasslands of South Africa are called:

A   Downs

B   Praries

C Pampas

D Velds

   Answer: D

Question 39

The prestigious Laureus World Sports Awards was given to the Indian athlete:

A Anirban Chatterji

B Pankaj Advani

C Dutee Chand

D Vinesh Phogat

   Answer: D

Question 40

The term 'mutation' primarily refers to:

A genetic migration

B genetic line

C genetic correction

D genetic mistake

   Answer: D

Question 41

Which of the following countries won the Men's Hockey World Cup 2018?

A Belgium

B New Zealand

C Argentina

D Pakistan

   Answer: A

Question 42

Panchayati Raj institutions came into existence under the:

A $42^{nd}\ and\ 43^{rd}$ Amendment Acts

B $86^{th}\ and\ 87^{th}$ Amendment Acts

C $63^{rd} \, and \, 64^{th}$ Amendment Acts

D $73^{rd} \, and \, 74^{th}$ Amendment Acts

   Answer: D

Question 43

Which IUCN document lists endangered species of flora and fauna?

A   Blue List

B   Green List

C   Red List

D   Black List

   Answer: C

Question 44

Who among the following introduced the practice of Sijda (prostration) and Paibos (kissing the feet of monarch) in the court?

A   Allauddin Khalji

B   Firoz Shah Tughluq

C   Muhammad bin Tughluq

D   Ghiyasuddin Balban

   Answer: D

Question 45

.... is a microfinance organisation and community development bank founded in Bangladesh which makes small loans to the impoverished without requiring collateral.

A   Reserve bank

B   Federal bank

C   Cooperative bank

D   Grameen bank

   Answer: D

Question 46

Which of the following is NOT a sustainable development goal targeted to be achieved by 2030?

A   Gender Equality

B   Zero Hunger

C   Good Health and Wellbeing

D   Space Research

   Answer: D

Question 47

A .... measures the humidity of the air.

A   hygrometer

B   micrometer

C   thermometer

D   hydrometer

   Answer: A

Question 48

Which household waste has an excellent recycling potential?

A   Vegetable scraps

B   Metal

C   Plastic

D   Rubber

   Answer: A

Question 49

World Energy Out look is released by the:

A   International Energy Tribunal

B   International Energy Agency

C   World Economic Forum

D   International Energy Organisation

   Answer: B

Question 50

According to the 2011 census, the total percentage of Muslims in India is :

A   10.2

B   12.4

C   16.6

D   14.2

   Answer: D

Quant

Question 51

Asum of ₹ 11700 becomes ₹ 16848 in 2 years at the rate of compoundinterest. If the interest is compounded annually, then what will be the rate of interest?

A   20 %

B   15 %

C   17.5 %

D   25 %

   Answer: A

Question 52

Asum of ₹ 4650 is lent at simple interest. If the rate of interest is 7.5% per annum, then whatwill be the simple interest for 4 years?

A   ₹ 1395

B   ₹ 1295

C   ₹ 1495

D   ₹ 1300

   Answer: A

Question 53

Pipe C can fill a tank in 12 hours and pipe D can fill the same tank in 40 hours. In how many hours both pipe C and D together can fill the same tank?

A $\frac{60}{7}$ $hours$

B $\frac{60}{11}$ $hours$

C $\frac{120}{13}$ $hours$

D $\frac{120}{11}$ $hours$

   Answer: C

Question 54

The length, breadth and height of a solid cuboid is 14 cm, 12 cm and 8 cm respectively. If cuboid is melted to form identical cubes of side 2 cm, then what will be the number of identical cubes?

A   168

B 144

C 156

D 128

Answer: A

Question 55

The average weight of all the vehicles in a parking is 4000 kg. The average weight of 12 vehicles is 6000 kg. Average weight of the remaining vehicles is 3000 kg. What is the total number of vehicles in the parking?

A 40

B 36

C 20

D 30

Answer: B

Question 56

What is the value of $80 \div 40 - 10 - 5 \times 4 \, of \, \left(\frac{1}{3} \div \frac{10}{3} \right)$?

A -12

B $\frac{40}{3}$

C $\frac{22}{5}$

D -10

Answer: D

Question 57

The total weight of 12 boys and girls is 1080 kg. If the average weight of boys is 50 kg, then what will be average weight of girls?

A 55 kg

B 50 kg

C 60 kg

D 45 kg

Answer: C

Question 58

The diagonal of a square is 14 cm. What will be the length of the diagonal of the square whose area is double of the area of first square?

A $28\sqrt{2}\ cm$

B $14\sqrt{2}\ cm$

C $28\ cm$

D $21\sqrt{2}\ cm$

Answer: B

Question 59

The line chart given below shows the production (in 10000 s) of cars in 7 different months.
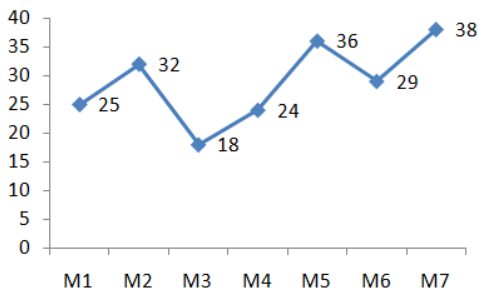
Production of cars in month M4 is what percent of the production of cars in month M2?

A 125%

B 75%

C 66.66%

D 83.33%

Answer: B

Question 60

What is the value of $\left[88 - 44 \div (22 \times 4)\ of\ \left(\frac{1}{2} - \frac{1}{4} \div \frac{1}{8}\right)\right]$?

A $\frac{265}{3}$

B $\frac{703}{9}$

C $\frac{514}{9}$

D $\frac{711}{3}$

Answer: A

Question 61

The Least Common Multiple and Highest Common Factor of two numbers are 60 and 3 respectively. If their difference is 3, then what will be the sum of these two numbers?

A 24

B 35

C 27

D 21

Answer: C

Question 62

Selling price and cost price of an article are in the ratio of 7 : 5. What will be the profit/loss percentage?

A 40% profit

B 28.5% profit

C 20% loss

D 14.28% loss

Answer: A

Question 63

The length of a rectangle is 16 cm.If the length of diagonal is 20 cm, then what will be the breadth of the rectangle?

A 8 cm

B 12 cm

C 10 cm

D 14 cm

Answer: B

Question 64

The bar chart given below shows the annual production (in 1000 tonnes) of coffee of a country for years 2009 to 2013.
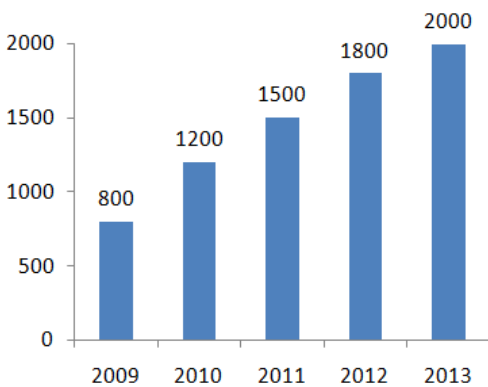
What is the average production (in 1000 tonnes) of coffee from year 2009 to 2011?

A 1366.67

B 1166.67

C 1233.33

D 1466.67

Answer: B

Question 65

Manish goesto his hometown at the speed of 40 km/hr andreturns to his homeat the speed of Y km/hr. Distance between his home and hometown is 360 km. If he takes total 21 hours, then whatis the value of Y?

A 25 km/hr

B 28 km/hr

C 30 km/hr

D 33 km/hr

Answer: C

Question 66

P and Q together can complete a work in 20 days. If P alone can complete the same work in 36 days, then in how many days Q alone can complete the same work?

A 48 days

B 42 days

C 45 days

D 51 days

Answer: C

Question 67

The bar chart given below shows the annual production (in 1000 tonnes) of coffee of a country for years 2009 to 2013.
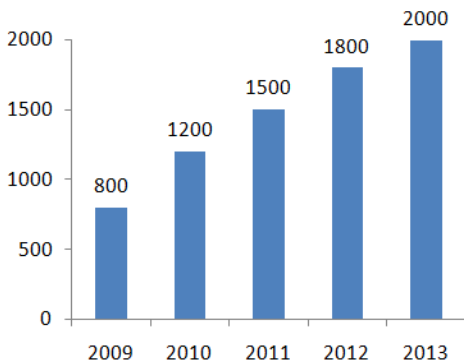
The production for the year 2011 is what percent of the production for the year 2009?

A 157.5%

B 175.25%

C 187.5%

D 205.25%

    Answer: C

Question 68

Four numbers are in the ratio of 2 : 5 : 3 : 8 respectively. If the sum of these four numbers is 432, then what is the sum of first and fourth number?

A 192

B 216

C 240

D 232

    Answer: C

Question 69

The length of platform is double of the length of train. Speed of the train is 144 km/hr. If train crosses the platform in 30 seconds, then what is the length of the platform?

A 600 metres

B 800 metres

C 500 metres

D 400 metres

    Answer: B

Question 70

The ratio of number of children, women and men in colony is 6 : 4 : 3 respectively and the colony has at least 200 members. What will be minimum number of children in the colony?

A 48

B 72

C 64

D 96

    Answer: D

Question 71

The marked price of an article is ₹ 1200 and discount offered is 31%. If profit is 15%, then what will be the cost price?

A ₹640

B ₹704

C ₹748

D ₹720

Answer: D

Question 72

If the length of a rectangle increases by 50%and the breadth decreases by 25%, then what will be the percent increase in its area?

A 15%

B 17.5%

C 12.5%

D 25%

Answer: C

Question 73

Selling price offirst article is ₹ 470 and costprice of second article is ₹ 470. If there is a loss of 20% onfirst article and profit of 20% on secondarticle, then what will be the overall profit or loss percentage?

A 2.22% loss

B 4% profit

C No profit no loss

D 1.80% loss

Answer: A

Question 74

Teena, Reena and Sheena start a business with investmentofrespectively ₹ 24000, ₹ 28000 and ₹ 20000. Teena invests for 8 months, Reena invest for 10 months and Sheena invests for one year. If the total profit at the end of year is ₹ 25810, then whatis the share of Teena?

A ₹6960

B ₹10150

C ₹7940

D ₹8700

Answer: A

Question 75

Whatis the median of the given data?
1, 3, 6, 2, 5, 8, 3, 8, 2

A 3

B 5

C 2

D 2.5

   Answer: A

English

Instructions

For the following questions answer them individually

Question 76

Select the most appropriate optionto fill in the blank.
Gita won't pass the examination and .... will Rita.

A nor

B or

C either

D neither

   Answer: D

Question 77

Select the most appropriate option to substitute the underlined segment in the given sentence.If there is no need to substitute it, select No Improvement.
Tourists visiting Leh take home photos and memories but leave back a mountain of waste.

A leave away

B left back

C No improvement

D leave behind

   Answer: D

Instructions

In the following passage some words have been deleted. Fill in the blanks with the help of the alternatives given.
Passage:

The Second Anglo-Maratha Warhad shattered the (1)......... of the Maratha chiefs, but not theirspirit. The loss of their freedom caused them deep (2)......... They madea last (3).......... attempt to regain their independencein 1817. The lead in organising a united front of the Maratha chiefs (4)........ by the Peshwa who was smarting under the (5).......... contro! exercised by the British Resident.

Question 78

Select the most appropriate option that will fill in the blank number 1.

A patience

B dignity

C power

D time

Answer: C

Question 79

Select the most appropriate option that will fill in the blank number 2.

A agony

B distress

C fear

D depression

Answer: A

Question 80

Select the most appropriate option that will fill in the blank number 3.

A violent

B massive

C desperate

D feeble

Answer: C

Question 81

Select the most appropriate option that will fill in the blank number 4.

A was taking

B was taken

C had taken

D were taken

Answer: B

Question 82

Select the most appropriate option that will fill in the blank number 5.

A cruel

B orthodox

C pleasant

D rigid

   Answer: D

Instructions

For the following questions answer them individually

Question 83

Select the synonym of the given word.
AGILE

A Aggressive

B Active

C Dull

D Lazy

   Answer: B

Question 84

Select the correctly spelt word.

A Gratefull

B Greatfull

C Greatful

D Grateful

   Answer: D

Question 85

Select the antonym of the given word.
HIDEOUS

A Beautiful

B Secretive

C Detestable

D Ugly

   Answer: A

Question 86

Select the antonym of the given word.
BLESS

A   Purify

B   Sanctify

C   Wish

D   Curse

   Answer: D

Question 87

From the given options, identify the segmentin the sentence which contains the grammatical error.
Ram alwaystries to do things very carefully and made sure he does them correctly.

A   to do things

B   Ram always tries

C   does them

D   and made sure

   Answer: D

Question 88

From the given options, identify the segment in the sentence which contains the grammatical error.
If they had a playground here, they can play after their school is over.

A   after their

B   If they had

C   school is over

D   they can play

   Answer: D

Question 89

Select the correctly spelt word.

A   Occation

B   Occassion

C   Occasion

D   Ocassion

   Answer: C

Question 90

Select the option that means the same as the given idiom.
A redletter day

A A sad day

B A boring day

C A memorable day

D A painful day

   Answer: C

Question 91

Select the word which means the same as the group of words given.
Someone who leaves one's country to settle in another country.

A Tourist

B Emigrant

C Foreigner

D Explorer

   Answer: B

Question 92

Select the most appropriate word to fill in the blank.
Just are the ..... of God.

A ways

B deeds

C plans

D tricks

   Answer: A

Question 93

Select the synonym ofthe given word.
MELODIOUS

A Rhythmic

B Rattling

C Tuneful

D Doleful

   Answer: C

Question 94

Select the option that means the same as the given idiom.
To eat humble pie

A To deny desperately

B To defend oneself

C To accept error

D To be aggressive

Answer: C

Question 95

From the given options, identify the segmentin the sentence which contains the grammatical error.
I said you to prepare the article yesterday but you didn't.

A the article

B I said you

C you didn't

D to prepare

Answer: B

Question 96

Select the most appropriate optionto fill in the blank.
You can visit me on .... at 7 o'clock.

A tomorrow

B next month

C today

D Sunday

Answer: D

Question 97

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No Improvement.
Yesterday eleven coaches of a train headed for Delhi was derailed at Vaishali district of Bihar.

A was derailed in

B were derailed in

C No improvement

D were derail at

Answer: B

Question 98

Select the most appropriate word to fill in the blank.
.... are to be avoided: they lead to conflict.

A Questions

B Statements

C Arguments

D Decisions

  Answer: C

Question 99

Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute it, select No Improvement.
On inspection a hundred year old bridge was find being too weak to take the load of lakhs of vehicles everyday.

A was being found

B No improvement

C was found to be

D has to be found

  Answer: C

Question 100

Select the word which means the same as the group of words given.
One who is present everywhere

A Omnipotent

B Omniscient

C Omnipresent

D Omnivorous

  Answer: C

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