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# IBPS RRB Exam

Mains (English) Previous Paper

Simplifying  
Government Exams

 SSC CHSL	 IAS EXAM	 RRB NTPC	 NTSE	 CDS
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**Direction (1 – 5) :** Study the following data carefully and answer the questions accordingly.

There are fourteen people sitting in two rows parallel containing seven seats in each row. In row 1 – A, B, C, D, E, F and G are sitting, facing south and in row 2 – P, Q, R, S, T, U and V are sitting, facing north (but not necessarily in the same order). Three persons are sitting between D and the one, who is sitting opposite to U. Four persons are sitting between G and D. Three persons are sitting between B and A, which is sitting to the right of F. E and P are not sitting opposite to each other. The one, who is sitting opposite to G, sits three places away from T. Two persons are sitting between R and Q. F is not sitting opposite to R. F sits in the middle of the row. The one, who is sitting opposite to F, sits three places away from S. U sits four places away from S. The one, who is sitting opposite to T, sits two places away from C. V sits to the right of P.

1. How many persons are sitting to the right of the one, who is sitting opposite to C?

- A. More than five
- B. Three
- C. Five
- D. Four
- E. Cannot be determined

2. Who among the following is sitting diagonally opposite to V?

- A. The one, who is sitting between F and A
- B. The one, who is sitting third from the right end
- C. The one, who is sitting second to the right of F
- D. The one, who is sitting immediate right of A
- E. None of these

3. If D is related to T and C is related to R then in the same way, which of the following is related to S?

- A. The one, who is sitting sixth from the right end
- B. The one who is sitting fourth to the left of G

C. The one, who is sitting three places away from D

D. The one, who is sitting between F and E

E. Cannot be determined

4. Find the odd one.

- A. E, R
- B. Q, A
- C. C, S
- D. S, A
- E. R, E

**Direction (5 – 7) :** Study the information given below and answer the questions based on it.

Eight persons M, N, O, P, Q, R, S and T belongs to the same family. T is the father of S. Q is the mother of T. O is the brother of T. R is the uncle of O. P is the sister of M. M is the grandfather of S. R is not the brother of M. N is the sister-in-law of O.

5. If N has only one son and only child also, then how is S related to O?

- A. Niece
- B. Son
- C. Nephew
- D. Uncle
- E. Brother

6. How is P related to Q?

- A. Brother
- B. Sister
- C. Mother
- D. Sister-in-law
- E. Daughter

7. The positions of the first and the fifth digits in the number 83256479 are interchanged. Similarly the positions of the second and sixth digits are interchanged and so on. Which of the following will be the third to the right of the seventh digit from the right end after rearrangement?

- A. 3
- B. 4
- C. 7
- D. 9
- E. None of these

**Direction:** Study the information given below and answer the questions based on it.

Six people P, Q, R, S, T and U are having different weights. The one who is 2nd heaviest is 72kg and the one who is 2nd lightest is 55kg. P is heavier to R but lighter to T. The number of the person(s) heavier to Q is one less than as persons lighter to P. R is not the lightest person. T is 69kg. S is not the heaviest.

8. What may be the weight of P?

- A. 71 kg
- B. 70 kg
- C. 62 kg
- D. 54 kg
- E. 51 kg

9. How many persons are heavier than Q?

- A. 0
- B. 1
- C. 2
- D. 3
- E. 4

**Direction:** Study the following information and answer the questions.

Rahul goes to his office from his house by a car. He drives the car from point A. He drives 5km towards south and reaches point B, then he turns to his right and drives 4km and reaches point C. Now he turns to his right and drives 12km and reaches point D. He then takes a left turn and drives 5km and reaches point E. Finally he drives 7km towards south and reaches his office.

10. If Rahul goes 5km to the east from the office, then how far and in which direction will he be from point D?

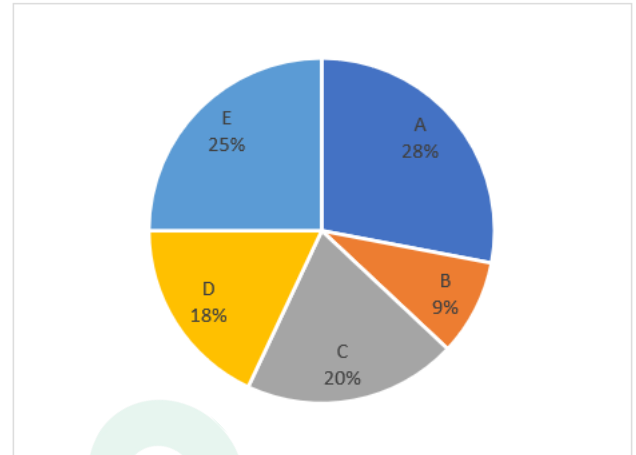
- A. 7km, south
- B. 4km, north
- C. 1km, south
- D. 5km, north
- E. None of these

**Direction (11 – 15) :** Refer to the both pie-charts and answer the following questions.

In 2017, 5 brands -A, B, C, D and E manufacture only two variants of shoes - synthetic and leather.

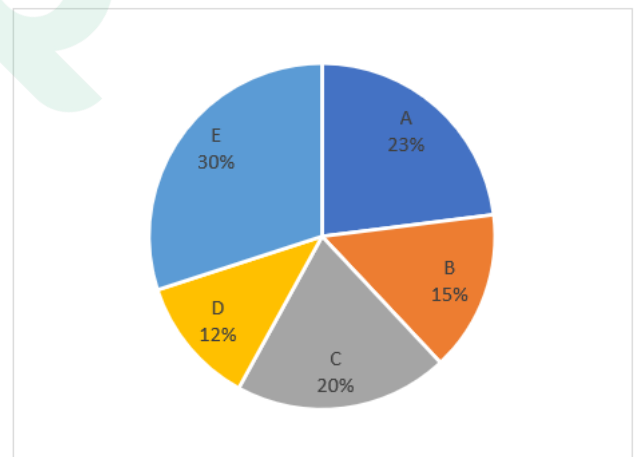
The pie-chart below shows the percentage of shoes (synthetic and leather) manufactured by the 5 brands.

**Total number of Synthetic and Leather shoes manufactured = 12000**



In the below pie-chart percentage of Leather shoes manufactured by all 5 brands is given.

**Total number of Leather shoes manufactured = 4800**



11. In 2017, another brand F manufactured 1152 leather shoes and it is 20% less than the number of synthetic shoes. Out of the total number of synthetic shoes manufactured by these 6 brands, what is the percentage of synthetic shoes manufactured by brand F?

- A. 20%
- B.  $\frac{2}{163}\%$
- C. 12.5%

- D. 10%
- E. None of these

12. What is the average number of synthetic shoes manufactured by brands A, D and E?

- A. 1600
- B. 1750
- C. 1800
- D. 2000
- E. None of these

13. In the year 2018, total number of shoes (synthetic + leather) manufactured by brand A is 25% more than that from previous year. If in the year 2018, number of leather shoes manufactured by brand A is 876 less than that of synthetic shoes, then the ratio of number of synthetic shoes manufactured by brand A in the year 2017 and 2018 is

- A. 5 : 6
- B. 2 : 3
- C. 4 : 5
- D. 8 : 9
- E. None of these

14. In a college, 40% students are not eligible for a scholarship. 48% of the eligible students are boys and the number of eligible girls is 9828, then the total number of students in the college is

- A. 24500
- B. 31500
- C. 28900
- D. 32500
- E. None of these

15. Five years ago age of A is 3.2 times that of B. After 7 years ratio of age of A and B will be 20 : 9. Find the sum of present ages of A and B.

- A. 63 years
- B. 73 years
- C. 53 years
- D. 43 years
- E. None of these

16. Sum of ages of A, B and C is 106 years and sum of ages of A and B is 78 years. If age of A is 32 years, then find the difference of ages of C and B.

- A. 4 years

- B. 14 years
- C. 18 years
- D. 16 years
- E. None of these

**Direction:** Read the following information carefully and answer the questions.

There are total 30,000 prizes of three types - 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> distributed among 30000 persons (male and female). Ratio of number of males, who received 2<sup>nd</sup> prize and number of males, who received 3<sup>rd</sup> prize is 3 : 8. Total number of male and female, who received the 2<sup>nd</sup> prize is 7500. Total 13000 females, who received the 2<sup>nd</sup> and 3<sup>rd</sup> prize. Number of persons, who received the 1<sup>st</sup> prize are 600 less than the  $\frac{2}{5}$ th of the number of persons, who received the 3<sup>rd</sup> prize. Total number of males and females, who received the 2<sup>nd</sup> prize is 7500. Total number males received the 1<sup>st</sup> and 2<sup>nd</sup> prize together is 500 less than the total number females received the 1<sup>st</sup> and 2<sup>nd</sup> prize together.

17. What is the total number of males, who received any prizes?

- A. 13500
- B. 12500
- C. 14000
- D. 13000
- E. None of these

18. If in 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> they receive Rs. 500, Rs. 300 and Rs. 200, then what is the difference of the total prize money received by males and females?

- A. Rs. 7.50 lakh
- B. Rs. 6.15 lakh
- C. Rs. 8.05 lakh
- D. Rs. 8.15 lakh
- E. None of these

19. A box contains the mixture of black and red pens in the ratio 7 : 11. If 12 number of each colour pens removed, then the ratio of black pen to red pen becomes 11 : 19. What is the value of initial black pens?

- A. 56
- B. 64
- C. 48

- D. 72  
E. None of these

20. The simple interest accrued in 3 years on principal of Rs. 25,000 at the rate of  $\frac{x}{100}$

r% is 20<sup>th</sup> of the principal, then which of the following is true.

- A. If r = 10, then X = 3  
B. If r = 15, then X = 9  
C. If r = 30, then X = 15  
D. If r = 5, then X = 2  
E. None of these

**Direction (21 – 30) :** Read the given passage carefully and answer the questions that follow. Certain words are printed in bold to help you locate them while answering some of these.

Scientists don't know why it happens, but tales of dolphins befriending humans reach far back into history. Aristotle wrote offhandedly about dolphins' "passionate attachment to boys", as if everyone just knew this as a fact. In the year AD 77, Pliny the Elder recounted the story of a dolphin named Simo who formed a bond with a boy who fed him bits of bread, giving him rides in return. When you consider how risky it is for dolphins to spend time in close **proximity** to people, it is all the more intriguing that so many human-dolphin stories have similar themes: dolphin seeks out man, dolphin wants to play with man, dolphin assists man, dolphin rescues man. If dolphins didn't already have such a well-established reputation for showing up like Superman in the third act, it would be impossible to put their behaviour into context. But there are centuries and even millennia of tales of their generosity towards the awkward two-legged creatures they encounter who are so out of their element.

In the book Beautiful Minds, biologist Maddalena Bearzi recalls tailing a pod of bottlenoses on one grim, foggy morning along the coast of Los Angeles, as they herded a huge school of sardines. If there is anything that commands a dolphin's attention it is a mother lode of fish, so Bearzi was surprised when one suddenly

broke away from feeding and (A) \_\_\_\_\_ to sea

**at top speed.** The rest of the pod followed; so, did Bearzi and her crew. The dolphins arrowed about three miles offshore and then they stopped, arranging themselves in a circle. In the centre, the scientists were shocked to see a girl's body floating.

Tales like this are remarkably common and surfers, in particular, seem to benefit from dolphin **non-interference**. When Todd Endris was bitten three times by a great white shark near Monterey, California, dolphins drove off the marauder, formed a ring around Endris, and escorted him to the beach. Australian Dave Rastovich, straddling his board waiting for a wave, was astonished to watch a dolphin **hurtle** itself at a shark that was torpedoing towards him, sending it fleeing.

What to make of these stories? One point worth noting is that dolphins often behave towards us in the same ways they do towards one another. In the dolphins' nomadic undersea world, solitude equals vulnerability, so a lone human in the water must seem to them direly in need of assistance. But their consideration of us isn't limited to emergency situations: at the Tangalooma Island Resort in Australia, where wild bottlenoses are regularly fed fish by people standing in the shallows, biologists have documented – on 23 occasions – the dolphins reciprocating, swimming up to offer freshly caught tuna, eels, and octopi as gifts.

In other words, dolphins do not always differentiate between us and them.

Source:

<https://www.independent.co.uk/environment/nature/dolphins-often-seem-to-want-to-befriend-us-do-they-know-something-we-dont-10493809.html>

21. Which among the following is TRUE according to the passage given above?

- A. Maddalena Bearzi, a biologist, along with her crew, remembers tailing a pod of bottlenose dolphins on one morning along the coast of Mexico.



B. The dolphins led Maddalena Bearzi and her crew to a spot where they discovered a floating body of a girl.

C. Dolphins are scared of humans and they hide as soon as they see a human in their vicinity.

D. Both A and C

E. Both B and C

22. Which among the following is FALSE according to the passage given above?

A. Tales of dolphins befriending humans reach far back into history and even scholars such as Aristotle has written about it.

B. The surfers are afraid of the dolphins as when a pod of dolphins sees a lonely surfer, they attack the surfer immediately to protect themselves.

C. According to the passage, a group of dolphins saved Todd Endris from a sting ray.

D. Both A and B

E. Both B and C

23. Which of the following statement(s) can be inferred from the given passage?

I. The passage states that dolphins reciprocate the act of kindness if human beings are kind to them.

II. The passage states that after a lot of research, scientists have finally found out why dolphins are extremely close with humans.

III. Dolphins are creatures of the wild and they might turn wild if they are attacked.

A. Only I

B. Only II

C. Only III

D. Both I and II

E. Both II and III

**Direction:** In the given question, five words are printed in bold and are numbered A, B, C, D and E. The position of some highlighted words may be incorrect and need to be exchanged with another highlighted to make the sentence correct. Find the words that need to be exchanged. In case the given sentence is correct, your answer is (E) i.e No exchange required.

24. The **path (A)** to **receiving (B)** the consular access, which should have been **bitterly (C)** provided **shortly (D)** after the arrest of Kulbhushan Jadhav, had to be **technically (E)** fought for by India.

A. A-D

B. A-B and C-D

C. C-E

D. B-C

E. No exchange required.

**Direction:** In the given question, five words are printed in bold and are numbered A, B, C, D and E. The position of some highlighted words may be incorrect and need to be exchanged with another highlighted to make the sentence correct. Find the words that need to be exchanged. In case the given sentence is correct, your answer is (E) i.e No exchange required.

25. The FIR against a journalist who **called (A)** attention to the **reeks (B)** mid-day meal that was **being (C)** provided to children in a school in Mirzapur, **substandard (D)** of official **high-handedness (E)**.

A. D-E

B. C-D

C. B-D

D. A-D

E. No exchange required.

**Direction:** In the given question, five words are printed in bold and are numbered A, B, C, D and E. The position of some highlighted words may be incorrect and need to be exchanged with another highlighted to make the sentence correct. Find the words that need to be exchanged. In case the given sentence is correct, your answer is (E) i.e No exchange required.

26. There seems to be no **motives (A)** so far to **negligence (B)** that the journalist and the panchayat representative had **evidence (C)** other than **exposing (D)** the **suggest (E)** of the school officials.

A. B-E and A-C

B. A-D

C. C-B

D. D-E

E. No exchange required.

**Direction:** A sentence with a blank is given, indicating that something has been omitted. Choose the word that can be filled in the blank to make the sentence grammatically correct and meaningful.

27. \_\_\_\_\_ can get the better of people who otherwise are very calm-mannered individuals.

- A. Plunge
- B. Descend
- C. Anxiety
- D. Apathy
- E. Natural

**Direction:** A sentence with a blank is given, indicating that something has been omitted. Choose the word that can be filled in the blank to make the sentence grammatically correct and meaningful.

28. An art expert will evaluate the painting before it is placed in the museum to make sure it is not a \_\_\_\_\_.

- A. Ledge
- B. Counterfeit
- C. Plead
- D. Seldom
- E. Infrequently

**Direction:** A sentence with a blank is given, indicating that something has been omitted. Choose the word that can be filled in the blank to make the sentence grammatically correct and meaningful.

29. As Rajan just purchased a new Cadillac, he was \_\_\_\_\_ to have a valet park it.

- A. Reluctant
- B. Redolent
- C. Aromatic
- D. Tangled
- E. Chaotic

**Direction:** Given below are three statements, of which some may be incorrect. Identify the correct statement(s).

30. I. The mosquito larvae grow by consuming microorganisms that decompose decaying plant material as algae and microbes.

II. Mosquito larvae grow by consuming microorganisms such as algae and microbes that decompose decaying plant material.

III. Decomposing of decaying plant material that is consuming microorganisms such as algae and microbes are main source of food for mosquito larvae.

- A. Only I
- B. Only II
- C. Only III
- D. Both I and II
- E. All of these

**Direction:** Given below are three statements, of which some may be incorrect. Identify the correct statement(s).

31. I. According to the Gandharan Buddhist manuscripts, the origins of Mahayana Buddhism is not what are leading scholars to rethink.

II. If the Gandharan Buddhist manuscripts are to be believe, then the scholars might had to rethink about the origins of Mahayana Buddhism.

III. The Gandharan Buddhist manuscripts are leading scholars to rethink the origins of Mahayana Buddhism.

- A. Only I
- B. Only II
- C. Only III
- D. Both I and II
- E. All of these

**निर्देश (32 - 41) :** नीचे दिए गए गद्यांश को ध्यानपूर्वक पढ़िए और उस पर आधारित प्रश्नों के उत्तर दीजिए।

महात्मा गाँधी की यह अटूट धारणा थी कि राज्य की प्रकृति सैनिक, पुलिस, जेल, न्यायालय तथा कर वसूल करने वाले और नौकरशाह की है। राज्य केन्द्रिकृत, तरीके से और संगठित रूप से हिंसा का प्रतिनिधित्व करता है। व्यक्ति के पास तो आत्मा है किन्तु राज्य एक आत्मविहीन मशीन की तरह है। यह अपने को हिंसा से अलग नहीं कर पाता क्योंकि इसकी बुनियाद ही हिंसा पर आधारित है।

वास्तव में गांधी के राज्य का प्रकृति तथा संगठन सम्बन्धी विचारों पर न केवल भारतीय स्वतन्त्रता संग्राम के दादाभाई नौरोजी, रानाडे तथा गोखले जैसे नरम दलीय और बालगंगाधर तिलक एवं लाला लाजपत राय सरीखे गरमदलीय तथा अरविन्द जैसे कट्टर राष्ट्रवादियों का अमिट प्रभाव था, बल्कि उनके चिन्तन पर पश्चिमी यूरोपीय, ब्रिटिश, फ्रेंच, अमेरिका तथा ग्राक विचारधाराओं का स्पष्ट छाप दिखाई पड़ती है। गाँधी के राज्य की प्रकृति एवं संगठन में सभी सभ्यताओं, संस्कृतियों व विचारधाराओं के अभीष्ट लक्षणों का सुव्यवस्थित समावेश तथा सम्मिश्रण मिलता है। गाँधी की मान्यता इस बात पर आधारित थी कि उनके स्वप्नों का आदर्श राज्य उन सभी प्राचीन तथा वर्तमान व्यवस्थाओं से अधिक सुगम्य, सुसंस्कृत तथा श्रेष्ठतम हो कि उन्होंने अपने आदर्श राज्य की अवधारणा में उन सभी तत्त्वों को अंगीकार किया, जिन्हें वे उपयुक्त समझते थे और उन सबकी तिलांजलि दी। जिन्हें वे अनुचित तथा अन्यायपूर्ण मानते थे।

महात्मा गाँधी ने हिन्द स्वराज, आत्मकथा तथा अन्य पुस्तकों में, उस आदर्श राज्य का आंशिकरूप से वर्णन किया है जिसकी स्थापना का उद्देश्य उन्होंने अपने सामने रखा था। वास्तव में गाँधी एक ऐसा राज्य चाहते थे जो सर्वप्रभुत्वसम्पन्न, संघात्मक तथा धर्मनिरपेक्ष हो। उनके अनुसार व्यक्ति पर राज्य का प्रभाव हानिकारक है उन्हें यह भय था कि राज्य मनुष्य के हितों के संरक्षक के नाम पर उसके अधिकारों को रद्द कर देगा। ऐसे विरोधाभास की स्थिति में व्यक्ति का राज्य से अलगाव हो जाएगा जो कि उनके अनुसार एक भयावह स्थिति होगी। महात्मा गाँधी ने स्वीकार किया है कि राज्य का यह दावा कि वह जनता की सेवा करता है, बिल्कुल निराधार है, जबकि यह स्पष्ट है राज्य द्वारा अच्छा करने के स्थान पर शोषण अधिक किया जाता है। राज्य वास्तव में इस प्रक्रिया के अन्तर्गत मानवता को सर्वाधिक हानि पहुँचाता है कई विद्वानों के अनुसार गाँधी एक दार्शनिक अराजकतावादी थे क्योंकि उनकी मान्यता थी कि सभी व्यक्तियों का

सर्वाधिक हित वर्गविहीन राज्यविहीन प्रजातंत्र में ही सम्भव है। गाँधी के राज्य की अवधारणा में एक गाँव स्वैच्छिक रूप में संघ होगा जिसमें कोई सेना, पुलिस, जेल, न्यायालय, विशाल नगर तथा बड़े उद्योग-धन्धे नहीं होंगे। सत्ता का कोई केन्द्रीकरण नहीं होगा। जीवन सादा और सभ्यता देहाती होगी। इस प्रकार ग्राम पूर्णतः आत्मनिर्भर तथा स्वायत्तशासी होंगे, तभी वास्तविक स्वराज की प्राप्ति होगी। इसके अन्तर्गत एक पुलिस दल होगा किन्तु उसकी आस्था संहिता में होगी। जेल सुधार गृह की तरह कार्य करेंगे। गाँधी जी का राज्य एक अहिंसक जनतान्त्रिक राज्य होगा। जहाँ प्रत्येक व्यक्ति स्वयं अपना शासक होगा। वे अपने समाजवादी राज्य में आर्थिक समानता के पक्षधर थे। आर्थिक समानता से अभिप्राय है खाने के लिए पर्याप्त और सन्तुलित भोजन, रहने के लिए उचित मकान और शरीर ढकने के लिए पर्याप्त खादी। वे यह आशा करते थे कि उनके स्वप्नों के अहिंसक प्रजातान्त्रिक राज्य में नागरिक ईमानदार, निर्भीक और आत्मानुशासित होंगे।

महात्मा गाँधी यथार्थवादी थे, वह यह समझ सके कि एक राज्यहीन और वर्गहीन समाज सहज तरीके से प्राप्त नहीं किया जा सकता। एक सरकार चूँकि सभी लोगों का प्रतिनिधित्व करती है, अतः वह पूर्णतः अहिंसक नहीं हो सकती। उन्होंने कहा था "आज मैं ऐसे स्वर्णयुग की कल्पना नहीं कर सकता, किन्तु मैं प्रधानतः अहिंसक समाज की सम्भावना में अवश्य विश्वास करता हूँ।"

32. गाँधी जी अनुसार राज्यों की बुनियाद किस पर आधारित है?

- हिंसा पर आधारित है
- अहिंसा पर आधारित है
- संरक्षण पर आधारित है
- स्वराज्य पर आधारित है
- इनमें से कोई नहीं

33. उपर्युक्त गद्यांश के अनुसार, आर्थिक समानता के लिए सत्य है -

- खाने के लिए पर्याप्त भोजन हो
- शरीर ढकने के लिए पर्याप्त खादी



3. रहने के लिए उचित मकान हो

- A. 1 और 2
- B. 2 और 3
- C. 1 और 3
- D. 1, 2 और 3
- E. इनमें से कोई नहीं

34. महात्मा गाँधी के राज्य की प्रकृति तथा संगठन सम्बन्धी विचारों के सम्बन्ध में सत्य कथन है?

- A. अमेरिका तथा ग्रीक विचारधाराओं की स्पष्ट छाप दिखाई पड़ती है।
- B. लाला लाजपत राय जैसे कट्टर राष्ट्रवादियों का अमित प्रभाव था।
- C. दादाभाई नौरोजी जैसे गरम दलीय का अमित प्रभाव था।
- D. अरविन्द घोष जैसे नरम दलीय का अमित प्रभाव था।
- E. इनमें से कोई नहीं

35. 4. गांधी जी के अनुसार, वास्तविक 'स्वराज' की प्राप्ति कब हो सकती है?

- 1. जब ग्राम पूर्णतः आत्मनिर्भर एवं स्वायत्तशासी होंगे।
  - 2. जीवन सादा और सभ्यता शहरी होगी।
  - 3. सत्ता का कोई केन्द्रीकरण नहीं होगा।
- कूट का प्रयोग करते हुए सही उत्तर का चयन करें
- A. 1, 2 एवं 3
  - B. केवल 1
  - C. केवल 2
  - D. 1 एवं 3
  - E. 1 एवं 2

36. गाँधी जी द्वारा पुस्तकों में वर्णित 'आदर्श राज्य' की स्थापना का उद्देश्य क्या था?

- 1. इसमें सत्ता का कोई केन्द्रीकरण नहीं होगा।
- 2. सर्व प्रभुत्व सम्पन्न, संघात्मक तथा धर्म निरपेक्ष राज्य।
- 3. अहिंसक जनतान्त्रिक राज्य जहाँ प्रत्येक व्यक्ति स्वयं अपना शासक होगा।

- A. 2 एवं 3
- B. 1 एवं 2
- C. 1 एवं 3
- D. 1, 2 एवं 3
- E. इनमें से कोई नहीं

37. गद्यांश के अनुसार, व्यक्ति का राज्य से अलगाव जैसी भयावह स्थिति कब उत्पन्न हो सकती है?

- A. जब राज्य मनुष्य के हितों के संरक्षक के नाम पर उसके अधिकारों को रद्द कर देगा
- B. जब राज्य मनुष्य के हितों के संरक्षक के नाम पर उसके अधिकारों को महत्व देगा
- C. राज्य का यह दावा कि वह जनता की सेवा करता है
- D. उपर्युक्त सभी
- E. इनमें से कोई नहीं

38. महात्मा गाँधी के अनुसार, किस प्रकार का समाज सहज तरीके से प्राप्त नहीं किया जा सकता?

- A. ईमानदार और निर्भीक समाज
- B. आत्मानुशासित और धर्मनिरपेक्ष समाज
- C. राज्यहीन और वर्गहीन समाज
- D. अहिंसक और केन्द्रीकृत समाज
- E. इनमें से कोई नहीं

39. उपर्युक्त गद्यांश के अनुसार, गद्यांश में 'जड़' शब्द का विपर्यायवाची शब्द बताइए।

- A. सरल
- B. मूढ़
- C. पत्नी
- D. काँटा
- E. चेतन

40. परिच्छेद को ध्यानपूर्वक पढ़कर यह बताइए कि श्रीमति जी किस तरह जीवन जी रहीं हैं?

- A. कष्टप्रद
- B. सुखी
- C. शांतिपूर्ण
- D. विकराल

E. चैनभरा

41. उपर्युक्त गद्यांश के अनुसार, कौन से तीन तत्वों की बात की गई है?

- A) रहना
- B) सहना
- C) कहना
- D) मनाना
- A. केवल A
- B. A और B
- C. A, B और C
- D. केवल C
- E. इनमें से सभी

42. Which of the following day, World Tourism Day (WTD) is being observed?

- A. 10<sup>th</sup> July
- B. 10<sup>th</sup> May
- C. 27<sup>th</sup> September
- D. 25<sup>th</sup> September
- E. None of these

43. Which of the following cities hosted the biggest ever International Yoga Day event in 2019?

- A. Patna
- B. Ahmedabad
- C. Kolkata
- D. Ranchi
- E. Mumbai

44. What is India's rank in Global Peace Index 2019?

- A. 145
- B. 141
- C. 100
- D. 102
- E. None of the above/ More than one of the Above

45. Where is the headquarter of ADB (Asian Development Bank)?

- A. Manila, Philippines
- B. Washington, USA
- C. Manhattan, USA
- D. Geneva, Switzerland
- E. Shanghai, China

46. The Tadoba Andhari Tiger Reserve is located in which state of India?

- A. Kerala
- B. Maharashtra
- C. Haryana
- D. Madhya Pradesh
- E. None of these

47. Who is the Minister of Environment, Forest and Climate Change?

- A. Dr. Harsh Vardhan
- B. Prakash Javadekar
- C. Smriti Irani
- D. Pralhad Joshi
- E. Narendra Singh Tomar

48. The Global Peace Index 2019 report is published by the Institute for Economics & Peace. The headquarter of the Institute for Economics & Peace is in \_\_\_\_\_.

- A. New York, USA
- B. Sydney, Australia.
- C. Berlin, Germany
- D. Paris, France
- E. Cologny, Switzerland

49. The book 'The Audacity of Hope' has been written by

- A. Nayantara Sehgal
- B. Aravind Adiga
- C. Vikram Seth
- D. Barack Obama
- E. Hilary Clinton

50. Who has become the new chairman of Securities and Exchange Board of India (SEBI)?

- A. T.S. Vijayan
- B. Sanjay Mishra
- C. Vikram Limaye
- D. Ajay Tyagi
- E. U.K. Sinha

51. India has opened its first specialized hydrotherapy treatment centre for elephants suffering from arthritis in which of the following cities?

- A. Mathura
- B. Hyderabad
- C. Kochi
- D. Guwahati
- E. Shillong

52. What is a Firewall in Computer Network?

- A. An operating System of Computer Network
- B. The physical boundary of Network
- C. A web browsing Software
- D. A system designed to prevent unauthorized access
- E. None of these

53. Which of the following is NOT a type of broadband internet connection?

- A. Cable
- B. DSL
- C. Dial-up
- D. Satellite
- E. None of these

54. In Excel, this is a prerecorded formula that provides a shortcut for complex calculations.

- A. Value
- B. Data Series
- C. Function
- D. Field
- E. None of these

55. \_\_\_\_ports connect special types of music instruments to sound cards.

- A. BUS
- B. CPU
- C. USB
- D. MIDI
- E. MINI

56. A compiler translates a program written in a high-level language into \_\_\_\_.

- A. Machine language
- B. An algorithm
- C. A debugged program
- D. Java
- E. None of these

57. What is the purpose of providing a Draft folder in an email system?

- A. to save unsend emails
- B. to store spam emails
- C. to save a copy of sent emails
- D. to store deleted emails
- E. None of these

58. The \_\_\_\_\_ translates internet domain and host names to IP address.

- A. File transfer protocol
- B. DNS
- C. Network Time Protocol
- D. Internet Relay chat
- E. None of these

59. What is the full form of PROM?

- A. Programmable Read Only Memory
- B. Progressive Read Only Memory
- C. Periodic Read Only Memory
- D. Perfect Read Only Memory
- E. Program Read-Only Memory

60. \_\_\_\_\_ are specially designed computers that perform complex calculations extremely rapidly.

- A. Servers
- B. Supercomputers
- C. Laptops
- D. Mainframes
- E. None of these

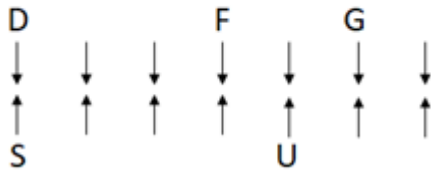
61. What is the base of the Octal Numeral System?

- A. 8
- B. 16
- C. 32
- D. 64
- E. None of these

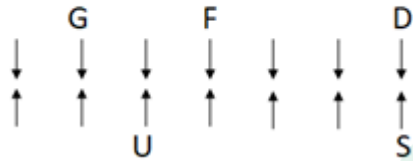
###ANSWERS###

1. Ans. D.  
 1) F sits in the middle of the row.  
 2) The one, who is sitting opposite to F, sits three places away from S.  
 3) U sits four places away from S.  
 4) Three persons are sitting between D and the one, who is sitting opposite to U.  
 5) Four persons are sitting between G and D.

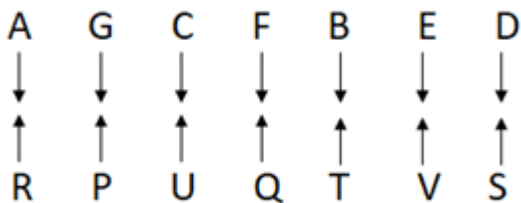
Case 1



Case 2

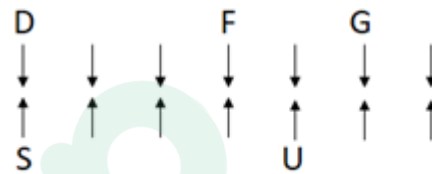


- 6) The one, who is sitting opposite to G, sits three places away from T.  
 7) Two persons are sitting between R and Q.  
 8) F is not sitting opposite to R.  
 9) The one, who is sitting opposite to T, sits two places away from C.  
 10) V sits to the right of P.  
 11) Three persons are sitting between B and A, which is sitting to the right of F.  
 12) E and P are not sitting opposite to each other.  
 (Here, case 1 will be eliminated)

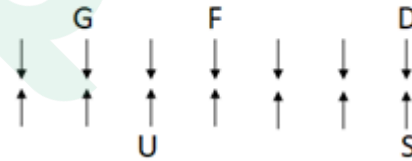


- Therefore, option D is the correct answer.  
 2. Ans. C.  
 1) F sits in the middle of the row.  
 2) The one, who is sitting opposite to F, sits three places away from S.  
 3) U sits four places away from S.  
 4) Three persons are sitting between D and the one, who is sitting opposite to U.  
 5) Four persons are sitting between G and D.

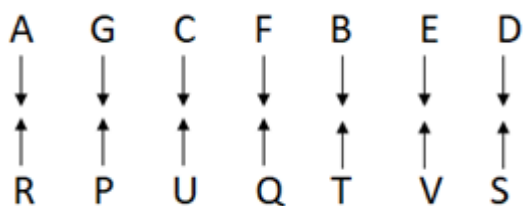
Case 1



Case 2



- 6) The one, who is sitting opposite to G, sits three places away from T.  
 7) Two persons are sitting between R and Q.  
 8) F is not sitting opposite to R.  
 9) The one, who is sitting opposite to T, sits two places away from C.  
 10) V sits to the right of P.  
 11) Three persons are sitting between B and A, which is sitting to the right of F.  
 12) E and P are not sitting opposite to each other.  
 (Here, case 1 will be eliminated)



Therefore, option C is the correct answer.

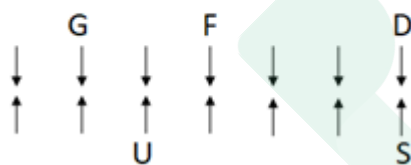
3. Ans. D.

- 1) F sits in the middle of the row.
- 2) The one, who is sitting opposite to F, sits three places away from S.
- 3) U sits four places away from S.
- 4) Three persons are sitting between D and the one, who is sitting opposite to U.
- 5) Four persons are sitting between G and D.

Case 1

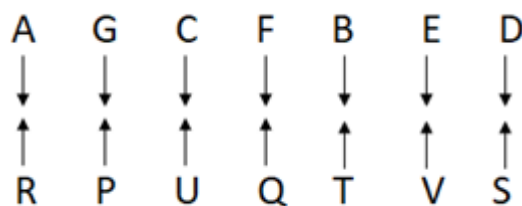


Case 2



- 6) The one, who is sitting opposite to G, sits three places away from T.
- 7) Two persons are sitting between R and Q.
- 8) F is not sitting opposite to R.
- 9) The one, who is sitting opposite to T, sits two places away from C.
- 10) V sits to the right of P.
- 11) Three persons are sitting between B and A, which is sitting to the right of F.
- 12) E and P are not sitting opposite to each other.

(Here, case 1 will be eliminated)

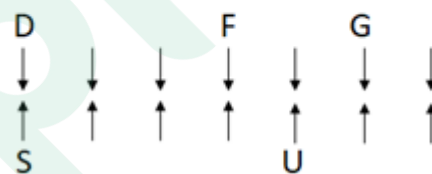


Therefore, option D is the correct answer.

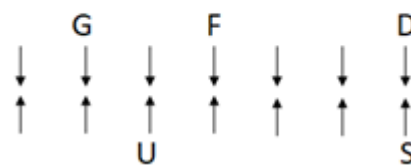
4. Ans. D.

- 1) F sits in the middle of the row.
- 2) The one, who is sitting opposite to F, sits three places away from S.
- 3) U sits four places away from S.
- 4) Three persons are sitting between D and the one, who is sitting opposite to U.
- 5) Four persons are sitting between G and D.

Case 1



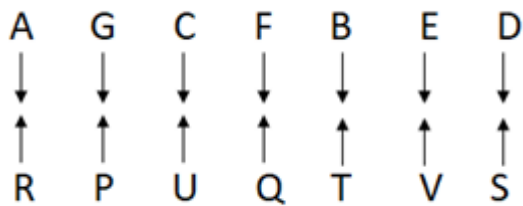
Case 2



- 6) The one, who is sitting opposite to G, sits three places away from T.
- 7) Two persons are sitting between R and Q.
- 8) F is not sitting opposite to R.
- 9) The one, who is sitting opposite to T, sits two places away from C.
- 10) V sits to the right of P.
- 11) Three persons are sitting between B and A, which is sitting to the right of F.
- 12) E and P are not sitting opposite to each other.

(Here, case 1 will be eliminated)



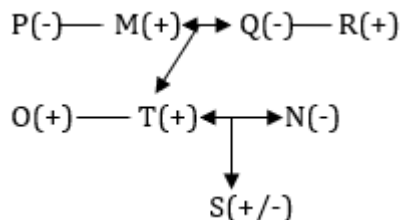


Therefore, option D is the correct answer.  
5. Ans. C.

It means S is a male then S is nephew of O.

Hence, option C.

T is father of S. Q is mother of T. M is grandfather of S. P is sister of M. Q is mother of T so Q is wife of M. O is brother of T. R is uncle of O. R is not brother of M so R is brother of Q. N is sister-in-law of O so N is wife of T.

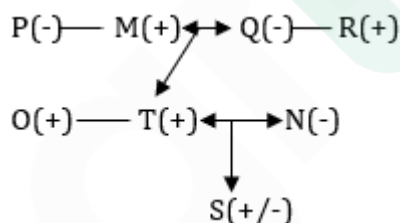


6. Ans. D.

P is sister-in-law of Q.

Hence, option D.

T is father of S. Q is mother of T. M is grandfather of S. P is sister of M. Q is mother of T so Q is wife of M. O is brother of T. R is uncle of O. R is not brother of M so R is brother of Q. N is sister-in-law of O so N is wife of T.



7. Ans. E.

The new number formed after rearrangement is 6 4 7 9 8 3 2 5

The seventh digit from the right end is 4.

The third digit to the right of 4 is 8.

8. Ans. C.

P's weight must be in the range of 55-69 then P's weight is 62 kg.

Hence, option C.

The one who is 2<sup>nd</sup> heaviest is 72kg and the one who is 2<sup>nd</sup> lightest is 55kg. T is 69kg. It means at least two persons are heavier than T. P is heavier to R but lighter to T. R is not the lightest person. It means,

\_\_\_ > 72 > T(69) > P > R(55) > \_\_\_

The number of person is heavier to Q is same as lighter to P. Two persons are lighter to P then Q is 72 kg. S is not the heaviest then U is the heaviest and S is the lightest.

Here is the final arrangement-  
U > Q(72) > T(69) > P > R(55) > S

9. Ans. B.

One person is heavier to Q.

Hence, option B.

The one who is 2<sup>nd</sup> heaviest is 72kg and the one who is 2<sup>nd</sup> lightest is 55kg. T is 69kg. It means at least two persons are heavier than T. P is heavier to R but lighter to T. R is not the lightest person. It means,

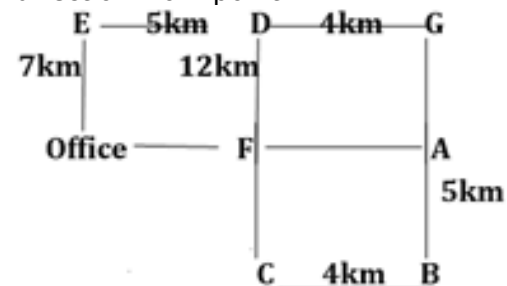
\_\_\_ > 72 > T(69) > P > R(55) > \_\_\_

The number of person is heavier to Q is same as lighter to P. Two persons are lighter to P then Q is 72 kg. S is not the heaviest then U is the heaviest and S is the lightest.

Here is the final arrangement-  
U > Q(72) > T(69) > P > R(55) > S

10. Ans. A.

If Rahul goes 5km to the east from the office, then he will be in 7 km at South direction from point D.



11. Ans. B.

Brand	% of shoes (Synthetic + leather)	Total no. of shoes (Synthetic + leather)	% of leather shoes	Total no. of leather shoes	Total no. of synthetic shoes
A	28%	3360	23%	1104	2256
B	9%	1080	15%	720	360
C	20%	2400	20%	960	1440
D	18%	2160	12%	576	1584
E	25%	3000	30%	1440	1560
Total	100%	12000	100%	4800	7200

Total number of synthetic shoes manufactured by given 5 brands = 12000 - 4800 = 7200

Total number of synthetic shoes  $\frac{1152}{80} \times 100 = 1440$

manufactured by brand F =  $\frac{1152}{80} \times 100 = 1440$

Hence, the required percentage =  $\frac{1440}{7200 + 1440} \times 100 = 163\%$

$\frac{2}{2} \times 100 = 163\%$

12. Ans. C.

Brand	% of shoes (Synthetic + leather)	Total no. of shoes (Synthetic + leather)	% of leather shoes	Total no. of leather shoes	Total no. of synthetic shoes
A	28%	3360	23%	1104	2256
B	9%	1080	15%	720	360
C	20%	2400	20%	960	1440
D	18%	2160	12%	576	1584
E	25%	3000	30%	1440	1560
Total	100%	12000	100%	4800	7200

Total number of shoes (synthetic + leather) manufactured by brands A, D and E together =  $(28 + 18 + 25)\%$  of 12000 = 8520

Total number of leather shoes manufactured by brands A, D and E together =  $(23 + 12 + 30)\%$  of 4800 = 3120

So, total number of synthetic shoes manufactured by brands A, D and E together =  $8520 - 3120 = 5400$

Hence, the required average =  $\frac{5400}{3} = 1800$ .

13. Ans. D.

Brand	% of shoes (Synthetic + leather)	Total no. of shoes (Synthetic + leather)	% of leather shoes	Total no. of leather shoes	Total no. of synthetic shoes
A	28%	3360	23%	1104	2256
B	9%	1080	15%	720	360
C	20%	2400	20%	960	1440
D	18%	2160	12%	576	1584
E	25%	3000	30%	1440	1560
Total	100%	12000	100%	4800	7200

Total number of shoes (synthetic + leather) manufactured by brand A in 2017 =  $28\%$  of 12000 = 3360

Total number of leather shoes manufactured by brand A in 2017 =  $23\%$  of 4800 = 1104

Total number of synthetic shoes manufactured by brand A in 2017 =  $3360 - 1104 = 2256$

Total number of shoes (synthetic + leather) manufactured by brand A in 2018 =  $3360 + 25\%$  of 3360 = 4200

Total number of synthetic shoes manufactured by brand A in 2018 =  $4200 + 876$

$\frac{2}{2} = 2538$

Hence, the required ratio =  $2256 : 2538 = 8 : 9$ .

14. Ans. B.

Let the total number of students in the college =  $100x$ , then

Total number of eligible students =  $100x - 40x = 60x$

According to question

$60x - 48\%$  of  $60x = 9828$

$\Rightarrow 60x - 28.8x = 9828$

$\Rightarrow 31.2x = 9828$

$\Rightarrow x = 315$

Hence, the total number of students in the college =  $100x = 31500$ .

15. Ans. B.

Let P be the present years, then

A : B at  $(P - 5)$  years =  $16 : 5$  ( $16 = 3.2 \times 5$ )

A : B at  $(P + 7)$  years:  $20 : 9$

According to question

$20 - 16 = 9 - 5 \rightarrow (7 + 5)$  years

$\Rightarrow 4 \rightarrow 12$  years

$\Rightarrow 1 \rightarrow 3$  years

5 years ago, sum of ages of A and B =  $(16 + 5) \times 3 = 21 \times 3$  years = 63 years

Hence, sum of present ages of A and B =  $63 + (5 + 5) = 73$  years

16. Ans. C.

Given,  $A + B + C = 106$  years

$A + B = 78$  years

$\Rightarrow C = 106 - 78 = 28$  years

$\Rightarrow B = (A + B) - A = 78 - 32 = 46$  years

Hence, the difference of ages of C and B =  $B - C = 46 - 28 = 18$  years

17. Ans. A.

Total number of males and females, who received the 2<sup>nd</sup> prize is 7500. So, total number of males and females, who received the 1<sup>st</sup> and 3<sup>rd</sup> prize =  $30000 - 7500 = 22500$

Let the  $5x$  persons received the 3<sup>rd</sup> prize  
As number of persons, who received the 1<sup>st</sup> prize are 600 less than the  $\frac{2}{5}$ th of the number of persons, who received the 3<sup>rd</sup> prize, then

$22500 - 5x = \frac{2}{5} \times 5x - 600$

$\Rightarrow 7x = 23100$

$\Rightarrow x = 3300$

Number of persons, who received the 3<sup>rd</sup> prize =  $5x = 16500$

Number of persons, who received the 1<sup>st</sup> prize =  $22500 - 5x = 22500 - 16500 = 6000$

Ratio of number of males, who received 2<sup>nd</sup> prize and number of males, who received 3<sup>rd</sup> prize is 3 : 8 and total 13000 females, who received the 2<sup>nd</sup> and 3<sup>rd</sup> prize

So, let the number of males, who received 2<sup>nd</sup> prize = 3a and number of males, who received 3<sup>rd</sup> prize = 8a

$$(3a + 8a) + 13000 = 7500 + 16500$$

$$\tilde{A} 11a = 24000 - 13000 = 11000$$

$$\tilde{A} a = 1000$$

So, number of males, who received 2<sup>nd</sup> prize = 3a = 3000 and number of females, who received 2<sup>nd</sup> prize = 7500 - 3000 = 4500

Number of males, who received 3<sup>rd</sup> prize = 8a = 8000 and number of females, who received 3<sup>rd</sup> prize = 16500 - 8000 = 8500

Let number of males and females, who received 1<sup>st</sup> prize be m and f respectively  
Given, total number males received the 1<sup>st</sup> and 2<sup>nd</sup> prize together is 500 less than the total number females received the 1<sup>st</sup> and 2<sup>nd</sup> prize together.

$$(f + 4500) - 500 = (m + 3000)$$

$$\tilde{A} f - m = 1000 \dots (i)$$

We have already calculated that

$$\tilde{A} f + m = 6000 \dots (ii)$$

On solving equations (i) and (ii), we get  
f = 3500 and m = 2500

	1 <sup>st</sup> prize	2 <sup>nd</sup> prize	3 <sup>rd</sup> prize
<b>No. of male</b>	<b>2500</b>	<b>3000</b>	<b>8000</b>
<b>No. of female</b>	<b>3500</b>	<b>4500</b>	<b>8500</b>
<b>Total number</b>	<b>6000</b>	<b>7500</b>	<b>16500</b>

Required number of males = 2500 + 3000 + 8000 = 13500.

18. Ans. C.

Total number of males and females, who received the 2<sup>nd</sup> prize is 7500. So, total number of males and females, who received the 1<sup>st</sup> and 3<sup>rd</sup> prize = 30000 - 7500 = 22500

Let the 5x persons received the 3<sup>rd</sup> prize  
As number of persons, who received the 1<sup>st</sup> prize are 600 less than the 2/5<sup>th</sup> of the number of persons, who received the 3<sup>rd</sup> prize, then

$$22500 - 5x = \frac{2}{5} \times 5x - 600$$

$$\tilde{A} 7x = 23100$$

$$\tilde{A} x = 3300$$

Number of persons, who received the 3<sup>rd</sup> prize = 5x = 16500

Number of persons, who received the 1<sup>st</sup> prize = 22500 - 5x = 22500 - 16500 = 6000

Ratio of number of males, who received 2<sup>nd</sup> prize and number of males, who received 3<sup>rd</sup> prize is 3 : 8 and total 13000 females, who received the 2<sup>nd</sup> and 3<sup>rd</sup> prize

So, let the number of males, who received 2<sup>nd</sup> prize = 3a and number of males, who received 3<sup>rd</sup> prize = 8a

$$(3a + 8a) + 13000 = 7500 + 16500$$

$$\tilde{A} 11a = 24000 - 13000 = 11000$$

$$\tilde{A} a = 1000$$

So, number of males, who received 2<sup>nd</sup> prize = 3a = 3000 and number of females, who received 2<sup>nd</sup> prize = 7500 - 3000 = 4500

Number of males, who received 3<sup>rd</sup> prize = 8a = 8000 and number of females, who received 3<sup>rd</sup> prize = 16500 - 8000 = 8500

Let number of males and females, who received 1<sup>st</sup> prize be m and f respectively  
Given, total number males received the 1<sup>st</sup> and 2<sup>nd</sup> prize together is 500 less than the total number females received the 1<sup>st</sup> and 2<sup>nd</sup> prize together.

$$(f + 4500) - 500 = (m + 3000)$$

$$\tilde{A} f - m = 1000 \dots (i)$$

We have already calculated that

$$\tilde{A} f + m = 6000 \dots (ii)$$

On solving equations (i) and (ii), we get  
f = 3500 and m = 2500

	1 <sup>st</sup> prize	2 <sup>nd</sup> prize	3 <sup>rd</sup> prize
<b>No. of male</b>	<b>2500</b>	<b>3000</b>	<b>8000</b>
<b>No. of female</b>	<b>3500</b>	<b>4500</b>	<b>8500</b>
<b>Total number</b>	<b>6000</b>	<b>7500</b>	<b>16500</b>

Required difference = (3500 - 2500) × 500 + (4500 - 3000) × 300 - (8500 - 8000) × 200 = 500000 + 450000 - 100000 = Rs. 8,05,000 = Rs. 8.05 lakh.

19. Ans. A.

Let initial black and red pens be 7k and 11k respectively.

$$\frac{7k-12}{11k-12} = \frac{11}{19}$$

$$133k - 228 = 121k - 132$$

$$12k = 96$$

$$k = 8$$

Initial black pen =  $7k = 56$

20. Ans. B.

$$\frac{SI}{x} = \frac{100}{25000 \times r \times 3}$$

$$20 \text{ of } 25000 = \frac{3r}{100}$$

$$\Rightarrow x = 5$$

Only option B will satisfy the above condition.

21. Ans. B.

The passage states that: "Maddalena Bearzi recalls tailing a pod of bottlenoses on one grim, foggy morning along the coast of Los Angeles." Thus, option A is false.

However, these herd of dolphins led Maddalena to "The dolphins arrowed about three miles offshore and then they stopped, arranging themselves in a circle. In the centre, the scientists were shocked to see a girl's body floating." Thus, option B is true.

The passage is about human and dolphin interaction throughout history. Thus, option C is obviously false.

Thus, option B is the correct answer.

22. Ans. E.

The passage in the beginning states that: "but tales of dolphins befriending humans reach far back into history. Aristotle wrote offhandedly about dolphins' "passionate attachment to boys". Thus, this makes option A true.

Option B is false as surfers tend to benefit from the camaraderie they share with the dolphins. The passage states that there have been scenarios when the dolphins have saved surfers from shark attacks.

Option C is false as well because according to the passage, Todd Endris was attacked by a great white shark and not a sting ray. Thus, this is false as well. Thus, option E is the correct answer.

23. Ans. A.

The first statement is proved in the passage. The passage states, "where wild bottlenoses are regularly fed fish by people standing in the shallows, biologists have documented – on 23 occasions – the dolphins reciprocating, swimming up to offer freshly caught tuna, eels, and octopi as gifts." Thus, this can be inferred from the passage.

The second statement, is however, not true. The passage in the very beginning clearly states that scientists haven't found why dolphins are so amicable and friendly towards humans. Thus, this statement can't be inferred from the passage.

The third sentence can't be inferred because throughout the passage, there are no instances where the dolphins have attacked human beings. Thus, statement I is the only statement which can be inferred, and Option A is the correct answer.

24. Ans. C.

The word 'bitterly' should come before 'fought' to make the statement contextually meaningful. The phrase 'bitterly fought' means to argue very angrily or fight very fiercely.

And the term 'technically' means 'strictly'. Thus, the process should have been strictly followed.

Words C and E need to be interchanged in order to make the statement grammatically correct and contextually meaningful. Hence option C is the correct answer.

25. Ans. C.

In the given statement, we need an adjective before 'mid-day meal' where as 'reeks' is a verb. In order to make the statement contextually meaningful and grammatically correct, B and D need to be exchanged.

The sentence is about an FIR being filed against a journalist who complained of the bad quality of food being given to kids. 'Substandard' can be used to describe the quality of the meal and the fact that an FIR was filed against him for



exemplifies the arrogant behaviour on part of those who filed it.

High handedness is a noun which means condescending behaviour. Hence, option C is the correct answer.

26. Ans. A.

The statement here explains that there is no evidence to suggest the motive of journalist and panchayat representative other than negligence.

The word B needs to be a verb to make the sentence correct. The word 'to' indicates that the verb must be in base form. Thus, the word 'suggest' fits there perfectly. Words B and E need to be exchanged.

Motive means 'a reason to do something'. 'Evidence' means proof. To make the sentence contextually correct, A and C needs to be exchanged. As there was no evidence which could explain the motive.

So, in order to make the statement contextually meaningful, B-E and A-C need to be interchanged. Hence, option A is the correct answer.

27. Ans. C.

The meanings of the following words are:  
Plunge: jump or dive quickly and energetically

Descend: move or fall downwards

Apathy: lack of interest, enthusiasm, or concern

Anxiety: a feeling of worry, nervousness, or unease about something with an uncertain outcome.

Natural: existing in or derived from nature

The statement talks about a situation which can make calm people at unease. Thus, option C is the correct answer.

28. Ans. B.

The meanings of the following words:

Ledge: a narrow horizontal surface projecting from a wall, cliff, or other surfaces

Plead: make an emotional appeal.

Seldom: not common

Infrequently: not often

Counterfeit: made in exact imitation of something valuable with the intention to deceive or defraud

Now, a painting can be a counterfeit one. Thus, option B is the correct answer.

29. Ans. A.

The meanings of the following words are:  
Redolent - strongly reminiscent or suggestive of

Aromatic - having a pleasant and distinctive smell

Tangled - twisted together untidily

Reluctant - unwilling and hesitant, disinclined

Chaotic- in a state of complete confusion and disorder

Since the car was new and costly, Rajan was hesitant to give it to the valet for parking. Thus, option A is the correct answer.

30. Ans. B.

Only sentence II is correct. The reasons are as follows:

I: 'as' is used in comparisons to refer to the extent or degree of something. But "decaying plant material" can indicate a wide range of plants. Algae and microbes do not fall in this range, and cannot be compared. So, sentence I is wrong.

III: Sentence III uses "decomposing of decaying plant material" as a subject. This is subject, which is a process, is said to consume the microorganism. This is not possible as decomposing means breaking down of materials, not consuming. So, sentence III is wrong.

Hence, the correct answer is B.

31. Ans. C.

Only sentence III is correct. The reasons are as follows:

I: "origins" is in plural form. So, its auxiliary verb (is) should also be in plural form (are). Also, one subject (origins) cannot have two simultaneous auxiliary verbs (is, are). So, sentence I is wrong.

II: 'be' is followed by the past participle form of the verb (believed). 'Might' shows possibly in future and is followed by 'have'. So, option II is wrong.

Hence, the correct answer is C.

32. Ans. A.

उपर्युक्त गद्यांश के अनुसार, राज्य केन्द्रीकृत तरीके से और संगठित रूप से हिंसा का प्रतिनिधित्व करता



है। व्यक्ति के पास तो आत्मा है। किन्तु राज्य एक आत्मविहीन मशीन की तरह है। यह अपने को हिंसा से अलग नहीं कर पाता क्योंकि इसकी बुनियाद ही हिंसा पर आधारित है।

33. Ans. D.

उपर्युक्त गद्यांश के अनुसार, दिये गए विकल्पों में d विकल्प सही है। आर्थिक समानता से अभिप्राय है खाने के लिए पर्याप्त और सन्तुलित भोजन, रहने के लिए उचित मकान और शरीर ढकने के लिए पर्याप्त खादी।

34. Ans. A.

दिए गए गद्यांश के अनुसार, गांधी के राज्य का प्रकृति तथा संगठन सम्बन्धी विचारों पर न केवल भारतीय स्वतन्त्रता संग्राम के दादाभाई नौरोजी, रानाडे तथा गोखले जैसे नरम दलीय और बालगंगाधर तिलक एवं लाला लाजपत राय सरीखे गरमदलीय तथा अरविन्द जैसे कट्टर राष्ट्रवादियों का अमिट प्रभाव था, बल्कि उनके चिन्तन पर पश्चिमी यूरोपीय, ब्रिटिश, फ्रेंच, अमेरिका तथा ग्राक विचारधाराओं का स्पष्ट छाप दिखाई पड़ती है।

35. Ans. D.

विकल्प c सही है - सत्ता का कोई केन्द्रीकरण नहीं होगा। जीवन सादा और सभ्यता देहाती होगी। इस प्रकार ग्राम पूर्णतः आत्मनिर्भर तथा स्वायत्तशासी होगा, तभी वास्तविक स्वराज की प्राप्ति होगी।

36. Ans. D.

गाँधी जी के आदर्श राज्य की स्थापना का उद्देश्य दिए गए कथनों से सम्बन्धित था, इसीलिए सही उत्तर विकल्प 'd' है।

37. Ans. A.

गद्यांश से यह स्पष्ट किया गया है कि गाँधी जी को भय था कि राज्य मनुष्य के हितों के संरक्षक के नाम पर जब उसके अधिकारों को रद्द करेगा, तब व्यक्ति का राज्य से अलगाव हो जाएगा।

38. Ans. C.

उपर्युक्त गद्यांश में महात्मा गाँधी यथार्थवादी थे, वह यह समझ सके कि एक राज्यहीन और वर्गहीन समाज सहज तरीके से प्राप्त नहीं किया जा सकता।

39. Ans. E.

दिए विकल्पों में विकल्प (5) जड़ शब्द का विपर्यायवाची या विलोमार्थक है। अन्य शब्द-

शब्द	विलोमार्थक शब्द
जटिल	सरल
चतुर	मूढ़
डाल	पत्ती
फूल	काँटा

40. Ans. A.

उपर्युक्त परिच्छेद के अनुसार, श्रीमति जी की जीवन कष्टप्रद अर्थात् कष्टदायक जिंदगी जी रही थी, क्योंकि इस गद्यांश में श्रीमति और मास्टर जी में काफी नोकझोंक का परिदृश्य का समावेश है।

41. Ans. C.

उपर्युक्त गद्यांश में रहना, सहना और कहना जैसे तत्वों की बात की गई है। अतः विकल्प (3) होगा।

42. Ans. C.

The World Tourism Day (WTD) is being observed annually on 27th September to raise awareness about the importance of tourism.

43. Ans. D.

The main event of International Day of Yoga 2019 celebrations was held at Prabhat Tara in Ranchi (Jharkhand) on 21st June 2019.

This year International Yoga Day of 21st June of Ranchi would be eco-friendly and hence Khadi Yoga Mat would be used, in place of the usual rubber mat.

On 11th December in 2014, the United Nations General Assembly declared June 21st as the International Day of Yoga.

**2019 Theme: Yoga for Climate Action**

44. Ans. B.

Australian think tank Institute for Economics & Peace has released the Global Peace Index (GPI) 2019. The report revealed that since 2008 global peacefulness has deteriorated by 3.78 per cent. India's ranking in the index has slipped five places to 141 among 163 countries.

Iceland remains the most peaceful country in the world, a position it has held since 2008. It is joined by New Zealand, Austria, Portugal, and Denmark.

Afghanistan is now the least peaceful country in the world, replacing Syria, which is now the second least peaceful. South Sudan, Yemen, and Iraq comprise the remaining five least peaceful countries.

In South Asia, Bhutan topped the index with 15th rank, followed by Sri Lanka 72, Nepal 76 and Bangladesh 101.

Pakistan has been ranked 153<sup>rd</sup> in the index.

**Countries with the highest risk of multiple climate hazards** - China, Japan, India, Philippines, Myanmar, Vietnam, Indonesia, Pakistan and Bangladesh (total 9 countries)

**Countries with the largest total military expenditure** - US, China, India, Russia and Saudi Arabia.

45. Ans. A.

The headquarter of ADB (Asian Development Bank) is in Manila, Philippines.

- The Asian Development Bank (ADB) is a regional development bank established on 19 December 1966.

- The company also maintains 31 field offices around the world to promote social and economic development in Asia.

- The motive of the ADB is to 'Fighting poverty in Asia and the Pacific'.

46. Ans. B.

**Tadoba Andhari Tiger Reserve** is a tiger reserve in **Chandrapur** district of **Maharashtra** state in central India.

**Note:-** It is notable as **Maharashtra's oldest** and largest national park.

47. Ans. B.

- Prakash Javadekar is currently serving as the Minister of Environment, Forest and Climate Change and Minister of Information and Broadcasting.

- He assumed the office on 31st May 2019.

- He was elected to the upper house Rajya Sabha as a Member of Parliament from Maharashtra in 2008, and re-elected from Madhya Pradesh in 2014.

48. Ans. B.

- This is the thirteenth edition of the Global Peace Index (GPI), which ranks 163 independent states and territories according to their level of peacefulness.

- Produced by the Institute for Economics and Peace (IEP), the GPI is the world's leading measure of global peacefulness. This report presents the most comprehensive data-driven analysis to date on peace, its economic value, trends, and how to develop peaceful societies.

- Institute for Economics & Peace (IEP) headquarter located in Sydney, Australia. 49. Ans. D.

The book 'The Audacity of Hope' has been written by Barack Obama

50. Ans. D.

The Govt. of India recently appointed Ajay Tyagi, additional secretary in the finance ministry, as the new chairman of Securities and Exchange Board of India (SEBI). He has taken over charge from U.K. Sinha.

51. Ans. A.

India has opened its first specialized hydrotherapy treatment for elephants suffering from arthritis, joint pain and foot ailments near the Wildlife SOS' Elephant Conservation and Care Centre (ECCC), which currently houses 20 rescued elephants and is run in collaboration with the Uttar Pradesh Forest Department and the NGO Wildlife SOS.

- Situated on the banks of the Yamuna in Mathura, the new hydrotherapy jumbo pool is 11-foot-deep and has 21 high pressure jet sprays that create water pressure that massage the elephants' feet and body and help in increasing blood circulation.

52. Ans. D.

**Firewalls** are frequently used to prevent **unauthorized** Internet users from **accessing private networks** connected to the Internet, especially intranets.

53. Ans. C.

**Broadband** is a wide bandwidth data transmission with an ability to simultaneously transport multiple signals and traffic types. The medium can be coaxial cable, optical fiber, radio or twisted pair. **Dial-up** Internet access is a form of **Internet access** that uses the facilities of the public switched telephone network (PSTN) to establish a connection

to an **Internet service provider** (ISP) by dialing a **telephone number** on a conventional telephone line.

54. Ans. C.

Function is a prerecorded formula that provides a shortcut for complex calculations

55. Ans. D.

A MIDI (Musical Instrument Digital Interface) interface is a device that provides MIDI In/Out to and from a computer or MIDI-equipped hardware via standard 5-pin MIDI jacks.

56. Ans. A.

A Compiler is a computer program translate source code from a high-level programming language to a lower level language (assembly language or machine code).

57. Ans. A.

A **draft** is simply an **email message** you haven't **yet sent**. It's not the same thing as an email waiting to be sent. This act places the message into the **Drafts folder**.

58. Ans. B.

The Domain Name System is used to translate Internet domain and host names to IP addresses. It uses a distributed database to store the

combination of name and address information.

Note: DNS converts the domain names we type in our Web browser address bar to the IP addresses with the help of a name server.

59. Ans. A.

**Programmable Read-Only Memory** (PROM) is a type of read-only memory that can be **modified** once by a user. Standard PROM can only be **programmed once** because **PROM chips** are manufactured with a series of fuses one programmed, it remains there forever

60. Ans. B.

A **supercomputer** is a computer with **great speed** and **memory**. This kind of computer can do jobs **faster** than any other computer of its generation. They are usually **thousands of times faster** than ordinary personal computers made at that time.

61. Ans. A.

- The base of the Octal Numeral System is 8.

- Octal system uses digit from 0 to 7.

- Octal numerals can be made from binary numerals by grouping consecutive binary digits into groups of three.



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