

IBPS Clerk Prelims 2019

Previous Year's Questions PDF



Direction (1 – 5) : In the following question, a sentence with four words printed in bold is given. These words are numbered as (1), (2), (3) and (4). One of these four words may either be misspelt or inappropriate in the context of the sentence. Find out the word(s) that is wrongly spelt or inappropriate and mark the relevant option as your answer. If all the words printed in bold are correct, mark option (E), i.e. 'All are correct', as the answer.

1. When we reach home after **travelling** (1) for **weeks**, (2) the home is the same but **something** (3) in our mind has changed and that changes **everything**. (4)

- A. 4
- B. 1
- C. 2
- D. 3
- E. All are correct

2. Many people **believe** (1) that it is better to lead a slow life with **limited** (2) **pleasures** (3) than the **mindless** (4) rat race of the city.

- A. 4
- B. 3
- C. 2
- D. 1
- E. All are correct

3. With **rice** (A) in online consumer base, many online **retailers** (B) are finding it difficult to **fulfil** (C) all the consumer demands in a **short** (D) time.

- A. C
- B. D
- C. A
- D. B
- E. All are correct

4. Given the **pace** (A) at which technology is **developing** (B) today, it is **clever** (C) that our **world** (D) will work completely different in just a few days.

- A. D
- B. C
- C. A
- D. B

E. All are correct

5. **Participating** (A) in various **competitions** (B) since childhood, helps students **develop** (C) a **spirit** (D) of sportsmanship.

- A. B
- B. A
- C. D
- D. C
- E. All are correct

Direction (6 – 8) : A sentence with one blank is given, indicating that something has been omitted. Choose the word that best fits in the blank making the sentence grammatically correct and meaningful.

6. The infrastructure projects of the city are falling behind schedule thus increasing the _____ of the residents.

- A. Inconvenience
- B. Safety
- C. Working
- D. Stressful
- E. Health

7. There has been a significant rise in the price of certain goods and commodities recently, making them _____ for the common man.

- A. Price
- B. Progressing
- C. Increasing
- D. Supporting
- E. Unaffordable

8. It is vital that children, young people and all of us have access to stories which give us the knowledge, empathy and understanding we need to _____ life.

- A. Engage
- B. Negotiate
- C. Overlook
- D. Developing
- E. Organised

Direction: A sentence with one blank is given, indicating that something has been omitted. Choose the word that best fits in the blank making the sentence grammatically correct and meaningful.

9. Tigers are large, solitary predators who owe their entire existence to being able to _____ detection by prey and sneak close before attacking.

- A. Practice
- B. Indulge
- C. Avoid
- D. Advance
- E. Demand

Direction (10 – 11) : Read the sentence to find out whether there is an error in it. The error, if any, will be in one part of the sentence. The number corresponding to that part will be your answer. If the given sentence is correct as it is, mark the answer as 'No error'. Ignore the errors of punctuation, if any.

10.

Having supportive parents (1)/ help massive in (2)/ the positive development and (3)/growth of a child. (4)

- A. 1
- B. 2
- C. 3
- D. 4
- E. No Error

11. The reports suggested that (1)/ some animals is (2)/ likely to be extinct (3)/ in the near future. (4)

- A. 1
- B. 2
- C. 3
- D. 4
- E. No Error

Direction: Read the sentence to find out whether there is an error in it. The error, if any, will be in one part of the sentence. The number corresponding to that part will be your answer. If the given sentence is correct as it is, mark the answer as 'No error'. Ignore the errors of punctuation, if any.

12. As per the new design (1)/ all appliances inside (2)/ the building will (3)/ be power by solar energy. (4)

- A. 1
- B. 2
- C. 3
- D. 4
- E. No Error

Direction: Read the sentence to find out whether there is an error in it. The error, if any, will be in one part of the sentence. The number corresponding to that part will be your answer. If the given sentence is correct as it is, mark the answer as 'No error'. Ignore the errors of punctuation, if any.

13.

A person driven by (1)/ greed and envious, loses (2)/ the ability to see (3)/ things as they are. (4)

- A. 1
- B. 2
- C. 3
- D. 4
- E. No error

Direction (14 – 20) : 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.

Why do we travel? It's not the flying I mind – I will always be awed by the physics that gets a fat metal bird into the upper troposphere. The rest of the journey, however, can feel like a tedious lesson in the ills of modernity, from the pre-dawn X-ray screening to the sad airport malls peddling crappy souvenirs. It's globalisation in a nutshell, and it sucks. And yet here we are, herded in ever greater numbers on to planes that stay the same size. Sometimes we travel because we have to. Sometimes we travel because we want to, because the annoyances of the airport are outweighed by the visceral thrill of being someplace new. Because work is stressful and our blood pressure is too high and we need a vacation. Because home is boring. Because the flights were on sale.

Travel, in other words, is a basic human desire. We're a migratory species, even if our migrations are powered by jet fuel and Chicken McNuggets. But here's my question: is this collective urge to travel – to put some distance between ourselves and everything we know – still a worthwhile compulsion? Or is it like the

taste for saturated fat: one of those instincts we should have left behind in the Pleistocene epoch? Because if travel is just about fun, then I think the new security measures at airports have killed it. The good news, at least for those of you reading this while stuck on a tarmac, is that pleasure is not the only consolation of travel. In fact, several new science papers suggest that getting away – and it doesn't even matter where you're going – is an essential habit of effective thinking. *It's not about a holiday, or relaxation: it's about the **taxing** act itself, putting some miles between home and wherever you happen to spend the night.*

The reason such travels are mentally useful involves a quirk of cognition, in which problems that feel "close" – and the closeness can be physical, temporal or even emotional – get contemplated in a more concrete manner. As a result, when we think about things that are nearby, our thoughts are _____ **(A)** _____, bound by a more limited set of associations. While this habit can be helpful – it allows us to focus on the facts at hand – it also inhibits our imagination. When we escape from the place we spend most of our time, the mind is suddenly made aware of all those errant ideas we'd suppressed. We start thinking about **obscure** possibilities that never would have occurred to us if we'd stayed back on the farm. Furthermore, this more relaxed sort of cognition comes with practical advantages, especially when we're trying to solve difficult problems. Source: <https://www.theguardian.com/travel/2010/mar/14/why-travel-makes-you-smarter>

14.

Which of the following is true about travelling?

- A. We travel because we need a break from stressful work.
- B. The idea of travelling is enhanced by the security arrangements at the airport.
- C. It is on rare occasions that we derive pleasure through travelling.
- D. All of these

E. Travelling enables a person to make concrete decisions.

15.

Which of the following is true with respect to the passage?

- A. An escape from a regular environment allows us to think about possibilities, which we would otherwise never explore.
- B. Apart from deriving pleasure, we can also develop a habit of effective thinking through travelling.
- C. The author finds the idea of an aeroplane flying in the troposphere absurd.
- A. Only A
- B. Both A & B
- C. Only C
- D. Both A & C
- E. Both B & C

16. With which of the following is the author most likely to agree?

- A. Travelling allows us to be aware of the ideas suppressed within us.
- B. Globalisation has benefitted us in many ways.
- C. Travelling bridges the distance between ourselves and everything we know.
- A. Only B
- B. Only A
- C. Only C
- D. Both A & B
- E. Both B & C

17. Which of the following is the MOST SIMILAR in meaning to the given word as used in the passage?

Taxing

- A. Strenuous
- B. Burdensome
- C. All of these
- D. Stressful
- E. Demanding

18. Which of the following is the MOST SIMILAR in meaning to the given word as used in the passage?

Obscure

- A. Uncertain
- B. Likely
- C. Clear

- D. Difficult
E. Subversive

19. Which of the given statements can be concluded from the following statement given in the passage?

"It's not about a holiday, or relaxation: it's about the taxing act itself, putting some miles between home and wherever you happen to spend the night"

- A. A stressful work forces one to travel away for some time.
B. A change from the existing surroundings is a habit ingrained in very nature of human species.
C. Human derives pleasure from continuous travelling.
D. Humans like flying over the skies in confined spaces.
E. None of the above

20. Which of the following words can be used to fill the blank labelled (A) in the passage?

- A. Liberated
B. Accessible
C. Constricted
D. Reluctant
E. Conditional

Direction (21 – 25) : Rearrange the following six sentences (A), (B), (C), (D) and (E) in a proper sequence to form a meaningful paragraph, then answer the questions that follow.

(A) These two conclusions by the trust are based on empirical data gathered from surveys carried out in many parts of the country.

(B) The National Literacy Trust has noted that becoming a lifetime reader is based on developing a deep love of reading.

(C) So, the big challenge for teachers is not simply getting students to read – it's getting them to enjoy it too.

(D) In other words, teachers do not need to motivate students to read too much but encourage reading for pleasure.

(E) It further notes that this is especially true for young readers as motivation to read decreases with age and if children do not enjoy reading when they are young,

then they are unlikely to do so when they get older.

21.

Which of the following will be the fourth statement after rearrangement?

- A. B
B. E
C. D
D. A
E. C

22. Which of the following will be the fifth statement after rearrangement?

- A. D
B. C
C. A
D. E
E. B

23. Which of the following will be the first statement after rearrangement?

- A. C
B. E
C. D
D. B
E. A

24. Which of the following will be the second statement after rearrangement?

- A. A
B. B
C. C
D. D
E. E

25. Which of the following will be the third statement after rearrangement?

- A. A
B. B
C. D
D. E
E. C

Direction (26 – 30) : In the following passage, there are blanks each of which has been numbered. These numbers correspond to the question numbers. Against each question, five words have been suggested, one of which would fill the blank appropriately. Mark the suitable word as the answer.

Amy's school needed to have a fundraiser so they could (###Q1###) money to buy more computers. Amy knew that many of her classmates' families were from (###Q2###) countries around the world. They had many special traditions, spoke many different languages and ate many different types of foods. Amy had a (###Q3###) idea for a fundraiser! She suggested that every student could bring in their favourite dish and hold an ethnic dinner night. She knew parents and members of the community would be (###Q4###) to pay money in order to try foods from all over the world! Amy with the help of her friends organised the event. The fundraiser was a great (###Q5###). Everyone enjoyed seeing, smelling and tasting foods from so many different cultures.

26.

Find the appropriate word in each case.

- A. Waste
- B. Income
- C. Earn
- D. Occupy
- E. Hand

27. Find the appropriate word in each case.

- A. Alike
- B. Variety
- C. Moderate
- D. Polite
- E. Different

28. Find the appropriate word in each case.

- A. Vague
- B. Brilliant
- C. Elaborate
- D. Dumb
- E. Exciting

29. Find the appropriate word in each case.

- A. Agree
- B. Outwit
- C. Concern
- D. Glad
- E. Promise

30. Find the appropriate word in each case.

- A. Success
- B. Celebrity
- C. Disaster
- D. Variation
- E. Scenery

निर्देश (31 - 40) : निम्नलिखित प्रश्न में प्रश्न चिन्ह (?) के स्थान पर कौन सा मान आना चाहिए?

31.

$$\frac{?}{2} + 1\frac{1}{2} \times 5 = 11$$

- A. 5
- B. 7
- C. 6
- D. 10
- E. 9

32. $63 \times 3 \div 7 \div 3 = ?$

- A. 7
- B. 5
- C. 3
- D. 9
- E. 6

$$\frac{11}{13} \times 9\frac{1}{10} + \frac{3}{10} = ?$$

33.

- A. 3
- B. 5
- C. 8
- D. 10
- E. 22

34. $5 \times ?\% \text{ of } 300 + 275 = 425$

- A. 20
- B. 25
- C. 8
- D. 30
- E. 10

$$\frac{2}{9} \times \frac{2}{15} + \frac{2}{45} = ?$$

35.

- A. $\frac{4}{27}$
- B. $\frac{1}{9}$

- C. $\frac{27}{4}$
D. $\frac{45}{2}$
E. $\frac{27}{2}$

36. $\frac{17 + \sqrt{2601}}{? + 2} = 17$
A. 1
B. 2
C. 4
D. 0.5
E. 0

37. $18^2 + 10 \times 7 - ? = 249$
A. 135
B. 184
C. 142
D. 145
E. 137

38. $7 \times 3^? \div 9 = 63$
A. 1
B. 2
C. 3
D. 4
E. 7

39. ? % of 12% of 2100 = 126
A. 25
B. 30
C. 40
D. 50
E. 60

40. $(3 \times 7 + 1 \div 5) \times 5 = ?$
A. 106
B. 84
C. 74
D. 64
E. 66

41. 8 वर्ष बाद A और B की आयु का योग 70 वर्ष है। 4 वर्ष पहले, A और B की एक साथ आयु का योग और C की आयु के बीच अनुपात 2:1 था। C की वर्तमान आयु क्या है?
A. 23 वर्ष
B. 27 वर्ष
C. 32 वर्ष

- D. 37 वर्ष
E. 24 वर्ष

42. A और B ने क्रमशः 4800 रुपये और 7200 रुपये का निवेश किया। B ने A की तुलना में दो ओर महीनों के लिए निवेश किया। यदि कुल वार्षिक लाभ 5750 रुपये है और लाभ में A का हिस्सा 2000 रुपये है, तो B ने कितने महीनों के लिए निवेश किया?

- A. 8 महीने
B. 9 महीने
C. 6 महीने
D. 10 महीने
E. 5 महीने

43. एक नाव 2 घंटे 24 मिनट में धारा की प्रतिकूल दिशा में 28.8 कि.मी की दूरी तय करती है। यदि धारा के प्रतिकूल गति से धारा के अनुकूल गति का अनुपात 2:3 है। तो स्थिर पानी में नाव की गति ज्ञात करें।

- A. 12 कि.मी/घंटा
B. 15 कि.मी/घंटा
C. 16 कि.मी/घंटा
D. 10 कि.मी/घंटा
E. 6 कि.मी/घंटा

44. 'X + 10', 'Y - 8' से 20% अधिक है। यदि X, Y से 22 अधिक है, तो Y का मान ज्ञात करें।

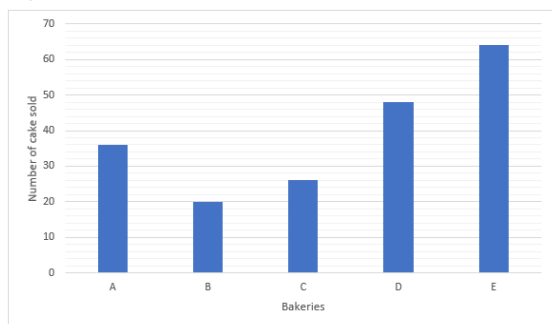
- A. 208
B. 188
C. 202
D. 148
E. 230

45. दूध और पानी के विलयन वाले जार से, मिश्रण का 20% निकाला जाता है और मिश्रण में पानी की समान मात्रा डाल दी जाती है। यदि दूध और पानी की परिणामी मात्रा के बीच का संबंधित अनुपात 32:15 है। दूध और पानी की प्रारंभिक मात्रा का अनुपात ज्ञात करें।

- A. 20 : 7

- B. 40 : 7
C. 10 : 7
D. 5 : 14
E. 7 : 10

निर्देश (46 – 50) : नीचे दिए गए बार ग्राफ में, सप्ताह I में 5 बेकरीयों अर्थात् A, B, C, D और E द्वारा बेचे जाने वाले केकों की संख्या दी गई है।



46. बेकरी C द्वारा बेचे जाने वाले केकों की संख्या बेकरी E द्वारा बेचे जाने वाले केकों की संख्या की लगभग कितनी प्रतिशत है?

- A. 40%
B. 35%
C. 45%
D. 55%
E. 30%

47. बेकरी B द्वारा बेचे जाने वाले केकों की संख्या से बेकरी E द्वारा बेचे गए केकों की संख्या का अनुपात ज्ञात करें।

- A. 5 : 8
B. 5 : 4
C. 3 : 8
D. 5 : 16
E. 3 : 16

48. बेकरी A द्वारा बेचे गए केकों की कुल संख्या में से, $\frac{1}{6}$ डिजाइनर केक थे, तो बेकरी A द्वारा बेचे गए गैर-डिजाइनर केकों की संख्या कितनी है?

- A. 32
B. 16
C. 30
D. 15
E. 25

49. बेकरी A और D द्वारा बेचे जाने वाले केकों की औसत संख्या क्या है?

- A. 44
B. 48
C. 36
D. 40
E. 42

50. बेकरी C और E द्वारा एक साथ बेचे जाने वाले केकों की कुल संख्या में सप्ताह I की तुलना में सप्ताह II में 20% तक की वृद्धि हुई है, तो सप्ताह II में बेकरी C और E द्वारा बेचे जाने वाले केकों की कुल संख्या क्या थी?

- A. 96
B. 108
C. 112
D. 99
E. 90

निर्देश (51 – 55) : निम्नलिखित प्रश्न में दो समीकरण चर X और Y में दिए गए हैं। आपको इन समीकरणों को हल करना होगा तथा X और Y के बीच संबंध निर्धारित करना होगा।

51.

$$x^2 - 7x + 12 = 0$$

$$2y^2 - 3y + 1 = 0$$

- A. $X > Y$
B. $X < Y$
C. $X \geq Y$
D. $X \leq Y$
E. $X=Y$ or No relation can be established

$$52. x^2 = 4^2$$

$$y^2 - 4y + 4 = 0$$

- A. $X = Y$ या कोई सम्बन्ध मुमकिन नहीं है
B. $X < Y$
C. $X \geq Y$
D. $X \leq Y$
E. $X > Y$

$$53. x^2 - x - 42 = 0$$

$$y^2 + y - 30 = 0$$

- A. $X > Y$
B. $X < Y$
C. $X \geq Y$
D. $X \leq Y$
E. $X=Y$ or No relation can be established

$$54. 2x^2 - 5x + 3 = 0$$

$$y^2 - 1 = 0$$

- A. $X > Y$
B. $X < Y$
C. $X \geq Y$
D. $X \leq Y$
E. $X=Y$ or No relation can be established

$$55.x^2 + 13x + 40 = 0$$

$$y^2 + 17y + 72 = 0$$

- A. $X > Y$
B. $X < Y$
C. $X \geq Y$
D. $X \leq Y$
E. $X=Y$ or No relation can be established

निर्देश (56 – 65) : दी गई श्रृंखला में गलत शब्द खोजें:

56.

1, 3, 6, 24, 120, 720, 5040

- A. 1
B. 3
C. 6
D. 120
E. 720

57.5, 6, 13, 40, 161, 803, 4837

- A. 161
B. 4837
C. 13
D. 5
E. 803

58.420, 429, 426, 437, 432, 443, 438

- A. 438
B. 443
C. 420
D. 429
E. 426

59.50, 46, 55, 39, 63, 28, 77

- A. 50
B. 46
C. 39
D. 63
E. 28

60.10, 12, 9, 14, 6, 16, 1

- A. 10
B. 9
C. 1
D. 6
E. 16

61. यदि एक नाव 5 घंटे में 29 किमी धारा के प्रतिकूल यात्रा करती है और धारा की गति 2.2 किमी/घंटा है, तो धारा के अनुकूल 81.6 किमी की दूरी तय करने में नाव द्वारा लिया जाने वाला समय कितना होगा?

- A. 8 घंटे
B. 9 घंटे
C. 6 घंटे
D. 5 घंटे
E. 7 घंटे

62. एक वर्ग का क्षेत्रफल 784 वर्ग मीटर है। यदि एक वृत्त का व्यास इस वर्ग की भुजा के बराबर है, तो इस वृत्त का परिमाप क्या होगा?

- A. 110 मीटर
B. 130 मीटर
C. 105 मीटर
D. 88 मीटर
E. 120 मीटर

63. एक दुकानदार ने 56 रुपये प्रति किलोग्राम की दर से एक X किलोग्राम चाय खरीदी और 91 रुपये प्रति किलोग्राम की दर से एक 32 किलोग्राम चाय खरीदी। यदि उसने इसके मिश्रण को 105 रुपये प्रति किलोग्राम की दर से बेचकर 25% का लाभ कमाया, तो X का मान ज्ञात कीजिए।

- A. 6
B. 10
C. 12
D. 8
E. 4

निर्देश (64 – 65) : जानकारी को ध्यान से पढ़ें और नीचे दी गई जानकारी के आधार पर निम्नलिखित प्रश्नों के उत्तर दें।

A और B एक कार्य को 18 दिनों में पूरा कर सकते हैं जबकि B और C इसी कार्य को 14 दिनों में पूरा कर सकते हैं। यदि C की दक्षता B की तुलना में 40% अधिक है।

64. A अकेले कितने दिनों में इस कार्य को पूरा कर सकता है?

- A. 40 दिन
- B. 30 दिन
- C. 48 दिन
- D. 36 दिन
- E. 50 दिन

65. A और C कितने दिनों में यह कार्य पूरा कर सकते हैं?

- A. $\frac{3}{12}$ 13 दिन
- B. $\frac{2}{16}$ 13 दिन
- C. $\frac{9}{14}$ 13 दिन
- D. $\frac{7}{18}$ 13 दिन
- E. $\frac{5}{15}$ 13 दिन

निर्देश (66 - 70) : निम्नलिखित जानकारी का ध्यानपूर्वक अध्ययन करें और नीचे दिए गए प्रश्नों के उत्तर दें।

दो समानांतर पंक्तियों में बारह व्यक्ति बैठे हैं प्रत्येक पंक्ति में छह व्यक्ति बैठे हैं। पंक्ति 1 में B, C, D, E, F और G बैठे हैं और सभी का मुख उत्तर की ओर है तथा पंक्ति 2 में Q, R, S, T, U और V बैठे हैं और सभी का मुख दक्षिण की ओर है लेकिन आवश्यक नहीं है कि इसी क्रम में हो। दी गई व्यवस्था में, पंक्ति में बैठे प्रत्येक सदस्य का मुख दूसरी पंक्ति में बैठे किसी अन्य सदस्य की ओर है।

D पंक्ति के अंतिम छोरों में से एक पर बैठा है। B और D के बीच दो व्यक्ति बैठे हैं। जिस व्यक्ति का मुख B की ओर है वह Q की बाईं ओर से दूसरे स्थान पर बैठता है। Q और S के बीच तीन व्यक्ति बैठे हैं। जिस व्यक्ति का मुख S की ओर है वह G की ठीक दाईं ओर बैठता है। G की बाईं ओर उतने की व्यक्ति बैठे हैं, जितने V की बाईं ओर बैठे

हैं। T और V के बीच दो व्यक्ति बैठे हैं। R, U की दाईं ओर किसी स्थान पर बैठता है। जिस व्यक्ति का मुख U की ओर है वह E की दाईं ओर से तीसरे स्थान पर बैठता है। F, C की दाईं ओर किसी स्थान पर बैठता है।

66. कौन F की बाईं ओर से चौथे स्थान पर बैठता है?

- A. G
- B. C
- C. B
- D. E
- E. D

67. S और R के बीच कितने व्यक्ति बैठे हैं?

- A. एक
- B. दो
- C. तीन
- D. चार
- E. कोई नहीं

68. किसका मुख C की ओर है?

- A. R
- B. Q
- C. V
- D. U
- E. S

69. निम्न में से कौन सा कथन सही है?

- A. B और D के बीच तीन व्यक्ति बैठे हैं
- B. V, G के विपरीत बैठता है
- C. T और E पंक्ति के अंतिम छोरों पर बैठे हैं
- D. R और U निकटतम पड़ोसी हैं
- E. उपरोक्त में से कोई नहीं

70. निम्न पांच में से चार एक निश्चित तरीके से एक समान हैं, विषम का पता लगाएं।

- A. Q
- B. T
- C. D
- D. E
- E. R

71. शब्द 'DECLARING' में अक्षरों के ऐसे कितने युग्म हैं, जिनमें से प्रत्येक में शब्द के बीच उतने ही अक्षर हैं जितने अंग्रेजी वर्णमाला में होते हैं (आगे और पीछे दोनों ओर)?

- A. एक
- B. दो
- C. तीन
- D. कोई नहीं
- E. तीन से अधिक

निर्देश (72 – 74) : नीचे दिए गए प्रत्येक प्रश्न में तीन कथनों के बाद दो निष्कर्ष दिए गए हैं। आपको दिए गए कथनों को सत्य मानना है, भले ही वे सामान्यतः ज्ञात तथ्यों से भिन्न प्रतीत होते हों। सभी निष्कर्षों को पढ़ें और फिर निर्णय लें कि दिए गए निष्कर्षों में से कौन सा निष्कर्ष सामान्यतः ज्ञात तथ्यों की अवहेलना करते हुए दिए गए कथनों का तार्किक रूप से अनुसरण करता है।

72. कथन:

सभी लेडर्स, स्टेर्ज हैं।

केवल कुछ स्टेर्ज, वेज़ (Ways) हैं।

सभी वेज़, एलिवेटर्स हैं।

निष्कर्ष:

- I. कोई एलिवेटर्स, लेडर्स नहीं हैं।
- II. कुछ लेडर्स, एलिवेटर्स हैं।
- A. यदि केवल निष्कर्ष I अनुसरण करता है
- B. यदि केवल निष्कर्ष II अनुसरण करता है
- C. यदि या तो निष्कर्ष I या II अनुसरण करता है
- D. यदि न तो निष्कर्ष I न ही II अनुसरण करता है
- E. यदि दोनों निष्कर्ष I और II अनुसरण करते हैं

73. कथन:

कुछ कंप्यूटर, टाइप-राइटर्स हैं।

केवल कुछ टाइप-राइटर्स, लैपटॉप हैं।

निष्कर्ष:

- I. सभी लैपटॉप के टाइप-राइटर्स होने की संभावना है।
- II. सभी कंप्यूटर्स के लैपटॉप होने की संभावना है।

- A. यदि केवल निष्कर्ष I अनुसरण करता है
- B. यदि केवल निष्कर्ष II अनुसरण करता है
- C. यदि या तो निष्कर्ष I या II अनुसरण करता है
- D. यदि न तो निष्कर्ष I न ही II अनुसरण करता है
- E. यदि दोनों निष्कर्ष I और II अनुसरण करते हैं

74. कथन:

कुछ ट्रक्स, पेपर्स हैं।

सभी पेपर्स, मैगजिन हैं।

निष्कर्ष:

- I. कुछ ट्रक्स निश्चित रूप से मैगजिन नहीं हैं।
- II. कुछ मैगजिन, ट्रक्स हैं।
- A. यदि केवल निष्कर्ष I अनुसरण करता है
- B. यदि केवल निष्कर्ष II अनुसरण करता है
- C. यदि या तो निष्कर्ष I या II अनुसरण करता है
- D. यदि न तो निष्कर्ष I न ही II अनुसरण करता है
- E. यदि दोनों निष्कर्ष I और II अनुसरण करते हैं

निर्देश (75 – 79) : निम्नलिखित जानकारी का ध्यानपूर्वक अध्ययन करें तथा नीचे दिए गए प्रश्नों के उत्तर दें:

बिंदु B, बिंदु A के 10 मीटर पश्चिम में है।
 बिंदु C, बिंदु B के 15 मीटर दक्षिण में है।
 बिंदु D, बिंदु A के 15 मीटर उत्तर में है।
 बिंदु E, बिंदु D के 15 मीटर पूर्व में है।
 बिंदु C, बिंदु F के 15 मीटर पश्चिम में है।
 बिंदु G, बिंदु C के 10 मीटर पूर्व में है।
 बिंदु H, बिंदु F के 15 मीटर उत्तर में है।
 बिंदु R, बिंदु E के 3 मीटर पूर्व में है।

75. बिंदु F के संदर्भ में बिंदु H की दूरी और दिशा क्या है?

- A. 15 मीटर दक्षिण में है
- B. 10 मीटर उत्तर में है
- C. 15 मीटर उत्तर में है
- D. 10 मीटर दक्षिण में है
- E. इनमें से कोई नहीं

76. R के संदर्भ में G की दिशा क्या है?

- A. उत्तर-पूर्व

- B. उत्तर
C. दक्षिण
D. दक्षिण-पूर्व
E. दक्षिण-पश्चिम

77. निम्न में से कौन सा सीधी पंक्ति का प्रतिनिधित्व नहीं करता है?

- A. CGF
B. GAD
C. BAH
D. FHE
E. DER

78. विषम का पता लगाएं।

- A. RF
B. DC
C. DR
D. RB
E. EA

79. निम्न में से कौन सा कथन सही है?

- A. बिंदु D, बिंदु A के दक्षिण में है
B. बिंदु H, बिंदु B के पूर्व में है
C. बिंदु H और G एक ही पंक्ति में आते हैं
D. बिंदु F, बिंदु G के पश्चिम में है
E. इनमें से कोई नहीं

80. निम्न पांच में से चार किसी निश्चित प्रकार से एक समान हैं, विषम का पता लगाएं।

- A. SNM
B. HCB
C. RML
D. WTS
E. PKJ

निर्देश (81 - 82) : प्रत्येक प्रश्न में, कुछ तत्वों के बीच संबंधों को कथनों में दर्शाया गया है। इन कथनों के बाद दो निष्कर्ष I और II दिए गए हैं। कथनों को पढ़ें और अपने उत्तर दें।

81. कथन:

$$S \geq T = A \leq N < D$$

निष्कर्ष:

- I. $D > T$
II. $S < N$

- A. केवल निष्कर्ष I सही है
B. केवल निष्कर्ष II सही है
C. या तो निष्कर्ष I या निष्कर्ष II सही है
D. न तो निष्कर्ष I न ही निष्कर्ष II सही है
E. दोनों निष्कर्ष I और II सही हैं

82. कथन:

$$B \leq R < K = A; T < R$$

निष्कर्ष:

- I. $T < K$
II. $A > B$
A. केवल निष्कर्ष I सही है
B. केवल निष्कर्ष II सही है
C. या तो निष्कर्ष I या निष्कर्ष II सही है
D. न तो निष्कर्ष I न ही निष्कर्ष II सही है
E. दोनों निष्कर्ष I और II सही हैं

निर्देश (83 - 87) : नीचे दी गई जानकारी का ध्यानपूर्वक अध्ययन करें तथा उसके आधार पर प्रश्नों के उत्तर दें:

आठ व्यक्ति अर्थात् A, B, C, D, P, Q, R और S का जन्म आठ अलग-अलग महीनों अर्थात् जनवरी, मार्च, अप्रैल, मई, जून, अगस्त, अक्टूबर और दिसम्बर महीने में हुआ था लेकिन आवश्यक नहीं है कि इसी क्रम में हो। A का जन्म अगस्त के बाद किसी महीने में हुआ था। A और B के बीच केवल चार व्यक्तियों का जन्म हुआ था। B और C के बीच केवल दो व्यक्तियों का जन्म हुआ था। A और C के बीच जन्म लेने वाले व्यक्तियों की संख्या C और D के बीच जन्म लेने वाले व्यक्तियों की संख्या के समान है। P का जन्म D से पहले किसी महीने में हुआ था। P और Q के बीच केवल दो व्यक्तियों का जन्म हुआ था। R का जन्म S से पहले लेकिन Q के बाद हुआ था।

83. C का जन्म निम्न में से किस महीने में हुआ था?

- A. जून
B. अप्रैल

- C. दिसम्बर
D. मार्च
E. अगस्त

84. किसका जन्म मई महीने में हुआ था?

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

85. R से पहले जन्म लेने वाले व्यक्तियों की संख्या ___ के बाद जन्म लेने वाले व्यक्तियों की संख्या के समान है।

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

86. निम्न में से कौन सा कथन सही है?

- A. B का जन्म अप्रैल महीने में हुआ था
B. S और Q के बीच केवल तीन व्यक्तियों का जन्म हुआ था
C. B का जन्म जनवरी महीने में हुआ था
D. R का जन्म D से ठीक पहले हुआ था
E. उपरोक्त में से कोई नहीं

87. यदि P, D से संबंधित है, B, Q से संबंधित है, उसी प्रकार C, निम्न में से किससे संबंधित है?

- A. A
B. R
C. B
D. S
E. P

निर्देश (88 – 90) : नीचे दी गई जानकारी का ध्यानपूर्वक अध्ययन करें तथा उसके आधार पर प्रश्नों के उत्तर दें:

अलग-अलग वजन के पाँच बॉक्स अर्थात् A, B, C, D और E ऊपर से नीचे तक एक पंक्ति में व्यवस्थित किए गए हैं। बॉक्स A का वजन बॉक्स B के वजन से अधिक है लेकिन बॉक्स A, बॉक्स C की तुलना में हल्का है। बॉक्स D, बॉक्स C की तुलना में हल्का है

लेकिन सबसे हल्का नहीं है। बॉक्स C सब बॉक्सों में सबसे भारी नहीं है। बॉक्स A से भारी बॉक्सों की संख्या, बॉक्स C से हल्के बॉक्सों की संख्या के समान है। दूसरे सबसे हल्के बॉक्स का वजन 15 कि.ग्रा है।

88. निम्न में से कौन सा बॉक्स तीसरा सबसे हल्का बॉक्स है?

- A. E
B. C
C. B
D. A
E. D

89. यदि बॉक्स C का वजन 18 कि.ग्रा है, तो बॉक्स D का वजन क्या हो सकता है?

- A. 16 कि.ग्रा
B. 10 कि.ग्रा
C. 20 कि.ग्रा
D. 12 कि.ग्रा
E. 22 कि.ग्रा

90. कितने बॉक्स, बॉक्स E से हल्के हैं?

- A. 4
B. 2
C. 3
D. कोई नहीं
E. 1

निर्देश (91 – 95) : निम्नलिखित जानकारी का ध्यानपूर्वक अध्ययन करें तथा तदनुसार प्रश्नों के उत्तर दें:

छह व्यक्ति अर्थात् A, B, C, D, E और F एक वृत्ताकार मेज की चारों ओर बाहर की ओर मुख करके बैठे हैं। C, F की बाईं ओर से दूसरे स्थान पर नहीं बैठा है। E, A की दाईं ओर से तीसरे स्थान पर बैठा है। B, F की दाईं ओर से तीसरे स्थान पर बैठा है। C और A पड़ोसी नहीं हैं। B और A पड़ोसी हैं।

91. कौन C की दाईं ओर से तीसरे स्थान पर बैठा है?

- A. A

- B. F
- C. E
- D. D

E. इनमें से कोई नहीं

92. निम्न में से कौन E के विपरीत बैठा है?

- A. F
- B. A
- C. D
- D. B

E. इनमें से कोई नहीं

93. निम्न में से कौन एक दूसरे के विपरीत बैठे हैं?

- A. F, C
- B. C, A
- C. E, D
- D. F, B

E. इनमें से कोई नहीं

94. निम्न में से कौन F की ठीक दाईं ओर बैठा है?

- A. B
- B. E
- C. A
- D. D

E. निर्धारित नहीं किया जा सकता

95. निम्नलिखित में से विषम का पता लगाएं।

- A. B, D
- B. C, F
- C. A, E
- D. F, A
- E. A, C

निर्देश (96 - 100) : निम्नलिखित जानकारी का ध्यानपूर्वक अध्ययन करें तथा नीचे दिए गए प्रश्नों के उत्तर दें।

एक निश्चित कूट भाषा में,

'training is always necessary' को 'god asb byo mnp' के रूप में लिखा गया है,

'teacher perception always right' को 'mnp den coh hen' के रूप में लिखा गया है,

'teacher can stop training' को 'byo coh vyo rho' के रूप में लिखा गया है

'stop bad perception necessary' को 'den puk asb vyo' के रूप में लिखा गया है।

96. शब्द 'right' के लिए किस कूट का उपयोग किया गया है?

- A. mnp
- B. hen
- C. den
- D. coh

E. इनमें से कोई नहीं

97. 'Puk' कूट का उपयोग निम्न में से किसके लिए किया गया है?

- A. stop
- B. perception
- C. bad
- D. necessary

E. इनमें से कोई नहीं

98. 'hen god puk' का क्या अर्थ है?

- A. is right training
- B. bad is right
- C. training is bad
- D. training right bad

E. इनमें से कोई नहीं

99. 'teacher is always linguist' को किस रूप में लिखा जाएगा।

- A. god coh pa mnp
- B. byo asb mnp coh
- C. mnp god coh vyo
- D. god vyo den asb

E. इनमें से कोई नहीं

100. किस शब्द को 'byo' द्वारा दर्शाया गया है?

- A. necessary
- B. stop
- C. Training
- D. perception

E. इनमें से कोई नहीं

###ANSWERS###

1. Ans. C.

We need to replace 'weeks' with 'weeks'.
Note that

Weak means lacking the power to perform physically demanding tasks; having little physical strength or energy. While Week refers to the a period of seven days.

Given the context, travelling for 'weeks' is correct. So, the correct answer is option C.

2. Ans. E.

All the words are correct. So, the correct answer is option E.

3. Ans. C.

We need to replace 'rice' with 'rise' to make it contextually correct. So, the correct answer is option C.

4. Ans. B.

We need to replace 'clever' with 'clear'. So, the correct answer is option B.

5. Ans. C.

We need to replace 'spirrit' (misspelled word) in the D part of the sentence with 'spirit'. So, the correct answer is option C.

6. Ans. A.

As the statement talks about the schedule delays in infrastructure projects and its impact on the residents, option A - inconvenience fits appropriately. The other options such as "health" and "safety" do not fit the context and "stressful" is an adjective, but the sentence seeks for an appropriate noun which is option A. So, the correct answer is option A.

7. Ans. E.

So, the correct answer is option E.

8. Ans. B.

The words have the following meanings:
Engage- occupy or attract (someone's interest or attention)

Negotiate- find a way over or through

Overlook- fail to notice

Developing- growing and becoming more mature, advanced, or elaborate

Organised- arrange systematically

As the statement states that young people must have access to stories which

will help us to be kind and empathetic, which will help us to find a way through life.

So, the correct answer is option B.

9. Ans. C.

The statement mentions that tigers "sneak close before attacking". This means they are able to remain unseen. Thus, the correct choice for the blank is 'avoid'.

So, the correct answer is option C.

10. Ans. B.

The error lies in the second part of the sentence. The use of "help massive" is turning the sentence structure grammatically incorrect. We need to replace 'help massive' with 'massively helps' using the adverb 'massively' to modify the verb 'help' to convey the correct meaning of the sentence. So, the correct answer is option B.

11. Ans. B.

We need to replace 'is' with 'are'. So, the correct answer is option B.

12. Ans. D.

The error is in the fourth part of the sentence.

We need to replace 'power' with 'powered'.

So, the correct answer is option D.

13. Ans. B.

The error is in the second part of the sentence.

We need to replace 'envious' with 'envy'.

So, the correct answer is option B.

14. Ans. A.

Refer to the following lines from the passage:

A. 1st paragraph: "Sometimes we travel...because work is stressful ...". Thus, in order to take a break from stressful work, one opts to travel.

B. 2nd paragraph: "...if travel is just about fun, then I think the new security measures at airports have killed it." This implies that the author loathes security arrangements at the airports and considers it as something that kills the fun.

C. This is neither mentioned explicitly or implied in the passage.

E. "... several new science papers suggest that getting away – and it doesn't even matter where you're going – is an essential habit of **effective thinking**." The passage does not mention that travelling enhances a person's ability to make concrete decisions. Thus, E is incorrect.

Option A is the correct answer.

15. Ans. B.

Refer to the following sentences from the passage:

A. "When we escape from the place we spend most of our time, the mind is suddenly made aware of all those errant ideas we'd suppressed. We start thinking about obscure possibilities that never would have occurred to us if we'd stayed back on the farm." Here, the farm implies a regular (and monotonous) environment we live in. Hence, A is correct.

B. "The good news... is that **pleasure** is not the only consolation of travel. In fact, several new science papers suggest that getting away... is an essential habit of **effective thinking**." Thus, B is correct.

C. "It's not the flying I mind – I will always be awed by the physics that gets a fat metal bird into the upper troposphere." "Awed" (Adj.) means to be filled with wonder. Also, in the given sentence, "fat metal bird" refers to an aeroplane. So, the idea of an aeroplane (that is made up of metals) flying in the troposphere, fills the author with wonder. So, clearly, he/ she does not find the idea absurd. Hence, C is incorrect.

So, option B is the correct answer.

16. Ans. B.

Refer to the following lines from the passage,

A. "When we escape from the place we spend most of our time, the mind is suddenly made **aware of all those errant ideas we'd suppressed**." Hence, A is correct.

B. "...the sad airport malls peddling crappy souvenirs. It's globalisation in a nutshell, and it sucks." Hence, the author does not find globalisation impressive.

C. This is not mentioned in the passage. Thus, only option A is correct.

17. Ans. C.

"Taxing" means physically or mentally demanding/ challenging. All the words given in the options are synonyms of "taxing".

18. Ans. A.

"Obscure" means not discovered or known about; uncertain. Thus, option A is the correct answer.

Subversive- seeking or intended to subvert an established system or institution.

19. Ans. B.

It has been mentioned in the passage that "Travel, in other words, is a basic human desire. We're a migratory species". It can be deduced from these lines that option B is the correct choice.

20. Ans. C.

The passage mentions "As a result, when we think about things that are nearby, our thoughts are **bound by a more limited set of associations**." In this regard, the correct word for the blank is 'constricted' which means 'inhibited; restricted'.

So, the correct answer is option C.

21. Ans. E.

The correct logical order is BEACD.

The passage revolves around the topic of the importance of developing a love of reading. In this regard, the most appropriate introductory statement is B which states that becoming a lifetime reader is based on developing a deep love of reading. It will be followed by E which adds to the points noticed by the National Literacy Trust by using the phrase "it further notes". Statement A mentions 'these two conclusions' referring to the two points made in B and E. Thus A will follow E. CD is a mandatory pair with C mentioning the challenge, the teachers have to overcome and D reiterating the same thing.

So, the correct answer is option E.

22. Ans. A.

The correct logical order is BEACD.

The passage revolves around the topic of the importance of developing a love of reading. In this regard, the most appropriate introductory statement is B

which states that becoming a lifetime reader is based on developing a deep love of reading. It will be followed by E which adds to the points noticed by the National Literacy Trust by using the phrase "it further notes". Statement A mentions 'these two conclusions' referring to the two points made in B and E. Thus A will follow E. CD is a mandatory pair with C mentioning the challenge, the teachers have to overcome and D reiterating the same thing.

So, the correct answer is option A.

23. Ans. D.

The correct logical order is BEACD.

The passage revolves around the topic of the importance of developing a love of reading. In this regard, the most appropriate introductory statement is B which states that becoming a lifetime reader is based on developing a deep love of reading. It will be followed by E which adds to the points noticed by the National Literacy Trust by using the phrase "it further notes". Statement A mentions 'these two conclusions' referring to the two points made in B and E. Thus A will follow E. CD is a mandatory pair with C mentioning the challenge, the teachers have to overcome and D reiterating the same thing.

So, the correct answer is option D.

24. Ans. E.

The correct logical order is BEACD.

The passage revolves around the topic of the importance of developing a love of reading. In this regard, the most appropriate introductory statement is B which states that becoming a lifetime reader is based on developing a deep love of reading. It will be followed by E which adds to the points noticed by the National Literacy Trust by using the phrase "it further notes". Statement A mentions 'these two conclusions' referring to the two points made in B and E. Thus A will follow E. CD is a mandatory pair with C mentioning the challenge, the teachers have to overcome and D reiterating the same thing.

So, the correct answer is option E.

25. Ans. A.

The correct logical order is BEACD.

The passage revolves around the topic of the importance of developing a love of reading. In this regard, the most appropriate introductory statement is B which states that becoming a lifetime reader is based on developing a deep love of reading. It will be followed by E which adds to the points noticed by the National Literacy Trust by using the phrase "it further notes". Statement A mentions 'these two conclusions' referring to the two points made in B and E. Thus A will follow E. CD is a mandatory pair with C mentioning the challenge, the teachers have to overcome and D reiterating the same thing.

So, the correct answer is option A.

26. Ans. C.

It is stated that Amy's school needed a fundraiser in order to collect money to buy more computers. In this context, the correct option is 'Earn'.

So, the correct answer is option C.

27. Ans. E.

In the passage, it is mentioned 'They had many special traditions, spoke many different languages and ate many different types of foods'. In this context, the author emphasizes on the fact that Amy's friends were from various countries. The correct word for the same is 'different'.

So, the correct answer is option E.

28. Ans. B.

In the last lines of the passage, it is mentioned that "Everyone enjoyed seeing, smelling and tasting foods from so many different cultures". This implies that the idea suggested by Amy was masterly. In this context, the correct answer is 'brilliant'.

So, the correct answer is option B.

29. Ans. D.

It is mentioned in the passage that "Amy with the help of her friends organised the event". This means that they knew that people will willingly support their cause. In this regard, the correct word will be 'glad'.

So, the correct answer is option D.

30. Ans. A.

The general tone of the passage suggests that the people enjoyed themselves at the fundraiser and it can be assumed that they donated as well. So, the event overall was successful. So, the correct option is 'success'.

So, the correct answer is option A.

31. Ans. B.

$$\Rightarrow \frac{?}{2} + \frac{3}{2} \times 5 = 11$$

$$\Rightarrow \frac{?}{2} = 11 - \frac{15}{2} = \frac{7}{2}$$

$$\Rightarrow ? = 7$$

32. Ans. D.

$$63 \times 3 \div 7 \div 3 = ?$$

$$\Rightarrow ? = \frac{63 \times 3}{7 \times 3} = 9$$

33. Ans. C.

$$\Rightarrow \frac{11}{13} \times 9 \frac{1}{10} + \frac{3}{10} = ?$$

$$\Rightarrow \frac{11}{13} \times \frac{91}{10} + \frac{3}{10} = ?$$

$$\Rightarrow \frac{77}{10} + \frac{3}{10} = ?$$

$$\Rightarrow \frac{80}{10} = ?$$

$$\Rightarrow ? = 8$$

34. Ans. E.

$$\Rightarrow 5 \times \frac{?}{100} \times 300 + 275 = 425$$

$$\Rightarrow 15 \times ? = 150$$

$$\Rightarrow ? = 10$$

35. Ans. E.

$$\frac{2}{9} \times \frac{2}{15} + \frac{2}{45} = ?$$

$$= \frac{4}{135} + \frac{2}{45} = \frac{10}{135}$$

$$= \frac{2}{27}$$

36. Ans. B.

$$\frac{17 + 51}{? + 2} = 17$$

$$68 = 17(? + 2)$$

$$? = 4 - 2 = 2$$

37. Ans. D.

$$18^2 + 10 \times 7 - ? = 249$$

$$324 + 70 - ? = 249$$

$$? = 394 - 249$$

$$? = 145$$

38. Ans. D.

$$7 \times 3^? \div 9 = 63$$

$$7 \times 3^? = 567$$

$$3^? = 567/7$$

$$3^? = 81$$

$$? = 4$$

39. Ans. D.

$$? / 100 \times 12 / 100 \times 2100 = 126$$

$$? = 126 \times 100 / 12 \times 21$$

$$? = 50$$

40. Ans. A.

$$(3 \times 7 + 1 \div 5) \times 5 = ?$$

$$? = (21 + 1/5) \times 5$$

$$? = 106$$

41. Ans. B.

Let present ages of A, B and C be A years, B years and C years respectively, then

$$(A + 8) + (B + 8) = 70$$

$$\Rightarrow A + B = 54$$

$$\therefore C - 4 = (A - 4 + B - 4) / 2$$

$$2C - 8 = A + B - 8$$

$$C = (A + B) / 2$$

$$C = 27 \text{ years}$$

42. Ans. D.

Let A invested for x months

and B invested for (x + 2) months

Total annual profit = Rs. 5750

Profit for A = Rs. 2000

Profit for B = Rs (5750 - 2000) = Rs. 3750

Now,

$$4800x / 7200 (x + 2) = 2000 / 3750$$

$$4800x / 7200 (x + 2) = 8 / 15$$

on solving, x = 8

Hence B invested for 8 + 2 = 10 months

43. Ans. B.

Let the speed of boat in still water and the speed of the river be B km/hr and R km/hr respectively, then

$$R - B = \frac{28.8}{2.4} = 12 \quad \dots (i)$$

(2 hours 24 minutes = 2.4 hours)

According to question

$$(R - B) : (R + B) = 2 : 3$$

$$\Rightarrow 12 : (R + B) = 2 : 3$$

$$\Rightarrow (R + B) = 18 \dots (ii)$$

On solving equations (i) and (ii), we get

$$R = 15$$

Hence, the speed of boat in still water = 15 km/hr.

44. Ans. A.

Given, $X = Y + 22$ and

$$X + 10 = 1.2(Y - 8)$$

$$\Rightarrow Y + 22 + 10 = 1.2Y - 9.6$$

$$\Rightarrow 0.2Y = 41.6$$

$$\Rightarrow Y = 208.$$

45. Ans. B.

Let the quantity of milk and water in initial solution be $5m$ and $5w$, then

According to question

$$\frac{4m}{4w + (m + w)} = \frac{32}{15}$$

$$\Rightarrow 15m = 8(5w + m)$$

$$\Rightarrow 7m = 40w$$

$$\Rightarrow m : w = 40 : 7$$

Hence, the required ratio = $5m : 5w = m$

$$: w = 40 : 7.$$

46. Ans. A.

	Bakery				
	A	B	C	D	E
No. of cake sold	36	20	26	48	64

Hence, the required percent

$$\frac{26}{64} \times 100 \approx 40\%.$$

47. Ans. D.

	Bakery				
	A	B	C	D	E
No. of cake sold	36	20	26	48	64

Required ratio = $20 : 64 = 5 : 16$.

48. Ans. C.

	Bakery				
	A	B	C	D	E
No. of cake sold	36	20	26	48	64

Required number of non-designer cakes

$$36 - \frac{36}{6} = 30.$$

sold by bakery A =

49. Ans. E.

	Bakery				
	A	B	C	D	E
No. of cake sold	36	20	26	48	64

Hence, the required average

$$\frac{36 + 48}{2} = 42.$$

=

50. Ans. B.

	Bakery				
	A	B	C	D	E
No. of cake sold	36	20	26	48	64

Hence, the total number of cakes sold by bakeries C and E together in week II

=

$$(26 + 64) \left(1 + \frac{20}{100} \right) = 90 \times \frac{6}{5} = 108.$$

51. Ans. A.

52. Ans. A.

$$x^2 = 4^2$$

$$\Rightarrow x = +4, -4$$

$$y^2 - 4y + 4 = 0$$

$$y^2 - 2y - 2y + 4 = 0$$

$$\Rightarrow (y - 2)^2 = 0$$

$$\Rightarrow y = 2$$

From the above, it is clear

No relation can be established

53. Ans. E.

$$x^2 - x - 42 = 0$$

$$x^2 - 7x + 6x - 42 = 0$$

$$x(x - 7) + 6(x - 7) = 0$$

$$(x - 7)(x + 6) = 0$$

$$x = 7, -6$$

$$y^2 + y - 30 = 0$$

$$y^2 + 6y - 5y - 30 = 0$$

$$y(y + 6) - 5(y + 6) = 0$$

$$(y + 6)(y - 5) = 0$$

$$y = 5, -6$$

54. Ans. C.

$$2x^2 - 5x + 3 = 0$$

$$\Rightarrow 2x^2 - 2x - 3x + 3 = 0$$

$$\Rightarrow 2x(x - 1) - 3(x - 1) = 0$$

$$\Rightarrow x = 1, 3/2$$

$$y^2 - 1 = 0$$

$$\Rightarrow y^2 = 1$$

$$\Rightarrow y = +1, -1$$

Hence, $X \geq Y$

55. Ans. C.

$$(i). x^2 + 13x + 40 = 0$$

$$x^2 + 8x + 5x + 40 = 0$$

$$x(x + 8) + 5(x + 8) = 0$$

$$(x + 5)(x + 8) = 0$$

$$x = -5, -8$$

$$(ii). y^2 + 17y + 72 = 0$$

$$y^2 + 9y + 8y + 72 = 0$$

$$y(y + 9) + 8(y + 9) = 0$$

$$(y + 8)(y + 9) = 0$$

$$x = -9, -8$$

56. Ans. B.

The pattern of the series is:

$$1 \times 2 = 2$$

$$2 \times 3 = 6$$

$$6 \times 4 = 24$$

$$24 \times 5 = 120$$

$$120 \times 6 = 720$$

$$720 \times 7 = 5040$$

57. Ans. E.

The pattern of the series

$$5 \times 1 + 1 = 6$$

$$6 \times 2 + 1 = 13$$

$$13 \times 3 + 1 = 40$$

$$40 \times 4 + 1 = 161$$

$$161 \times 5 + 1 = 806$$

$$806 \times 6 + 1 = 4837$$

58. Ans. D.

The pattern of the series is

$$\begin{array}{ccccccccc} 420 & 431 & 426 & 437 & 432 & 443 & 438 \\ \hline & +11 & -5 & +11 & -5 & +11 & -5 \end{array}$$

59. Ans. D.

The pattern of the series is:

$$50 - 2^2 = 46$$

$$46 + 3^2 = 55$$

$$55 - 4^2 = 39$$

$$39 + 5^2 = 64$$

$$64 - 6^2 = 28$$

$$28 + 7^2 = 77$$

The wrong number is 63.

60. Ans. E.

$$\begin{array}{ccccccccc} 10 & 12 & 9 & 14 & 6 & 18 & 1 \\ \hline & +2 & -3 & +5 & -8 & +12 & -17 \\ \hline & +1 & +2 & +3 & +4 & +5 \end{array}$$

61. Ans. A.

Let the speed of boat be 's'

Speed of stream = 2.2 km/h

ATQ-

$$\frac{29}{s - 2.2} = 5$$

$$29 = 5s - 11$$

$$40 = 5s$$

$$\Rightarrow s = 8 \text{ km/hr}$$

$$\text{speed in downstream} = 8 + 2.2 = 10.2 \text{ km/hr}$$

$$\text{time taken to cover 81.6 km downstream} = \frac{81.6}{10.2} = 8 \text{ hours}$$

62. Ans. D.

Area of square = 784 sq. m

side of square = 28 m

ATQ-

diameter of circle = side of square

radius of circle = $28/2 = 14$ m

circumference of circle = $2\pi r = 2 \times$

$$22/7 \times 14 = 88 \text{ m.}$$

63. Ans. D.

$$CP = 105 \times \frac{100}{125} = 84 \text{ Rs / Kg}$$

By Alligation,

$$\begin{array}{ccc} 56 & & 91 \\ & \searrow & \nearrow \\ & 84 & \\ & \nearrow & \searrow \\ 91-84 & & 84-56 \end{array}$$

$$= 7 \qquad 28$$

$$\Rightarrow 1 \qquad \therefore \qquad 4$$

Given 4 units = 32 kg

$$\therefore x = 1 \text{ unit} = \frac{32}{4} = 8 \text{ kg}$$

64. Ans. A.

A & B complete work in $18(2/3)$ days

B & C complete work in $14(7/12)$ days

Now let total work 1400 units

the efficiency of A & B = $1400/[18(2/3)] = 75$ unit

the efficiency of B & C = $1400/[14(7/12)] = 96$ unit

ratio of efficiency of B & C = $100 : 140 = 5 : 7$

so efficiency of B = 40 unit

efficiency of C = 56 unit

efficiency of A = 35 unit

time is taken by A to complete the work alone = $1400/35 = 40$ days

65. Ans. E.

A & B complete work in $18\frac{2}{3}$ days

B & C complete work in $14\frac{7}{12}$ days

Now let total work 1400 units

the efficiency of A & B = $1400/[18\frac{2}{3}]= 75$ unit

the efficiency of B & C = $1400/[14\frac{7}{12}]= 96$ unit

Given the efficiency of C is 40% more than that of B

Ratio of efficiency of B & C = $100 : 140 = 5 : 7$

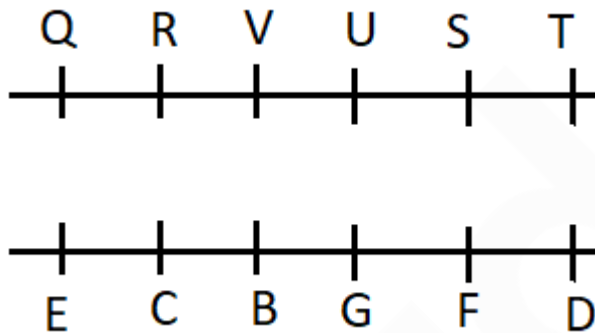
So the efficiency of B = 40 unit

the efficiency of C = 56 unit

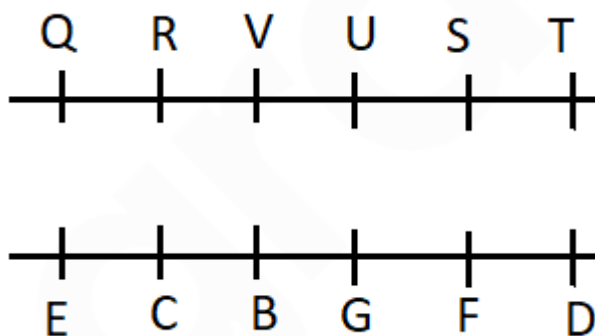
the efficiency of A = 35 unit

The time required by A & C together = $1400/[35+56]= 15\frac{5}{13}$ days

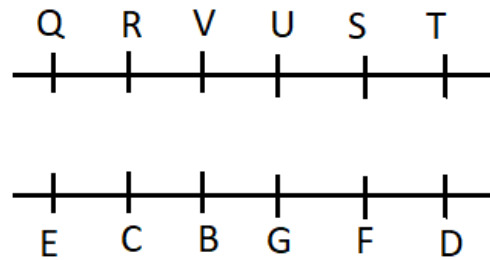
66. Ans. D.



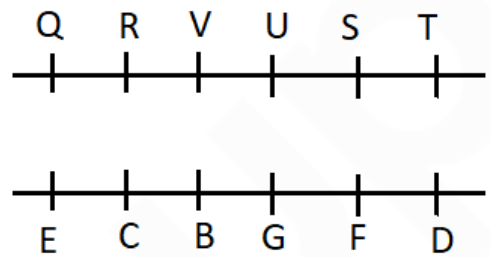
67. Ans. B.



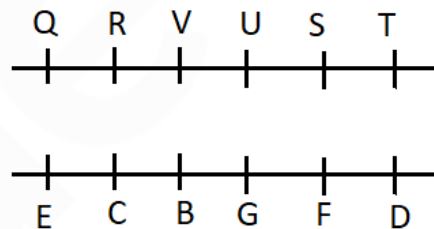
68. Ans. A.



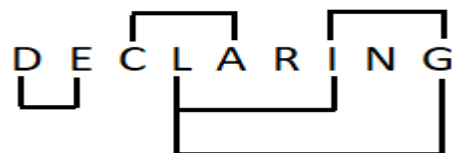
69. Ans. C.



70. Ans. E.

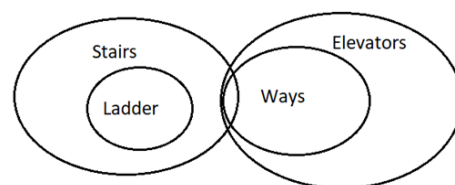


71. Ans. E.

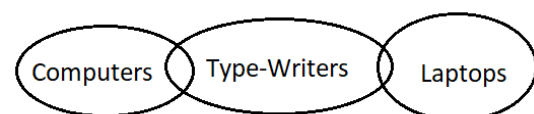


Pairs: DE, GI, GL, IL and AC.

72. Ans. C.



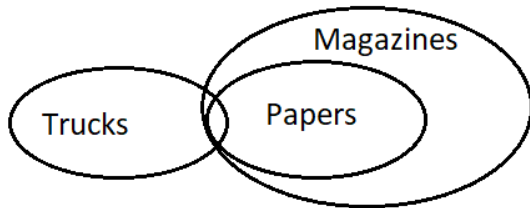
73. Ans. E.



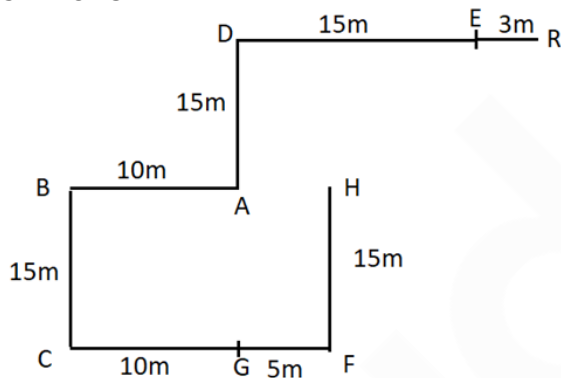
All laptops being type-writers is a possibility i.e, Only a few type-writers are laptops means some type-writers are laptops and some not, but all laptops can be type-writers.

All computers being laptop is a possibility i.e, if all computers being laptop it doesn't affect the given statements, so it is possible.

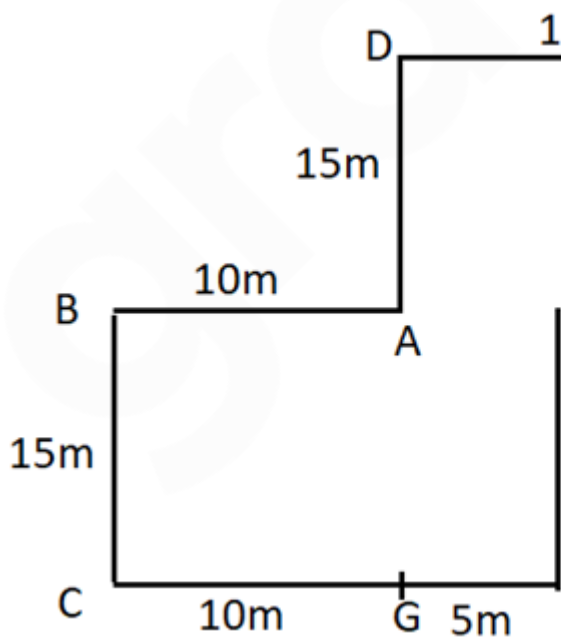
74. Ans. B.



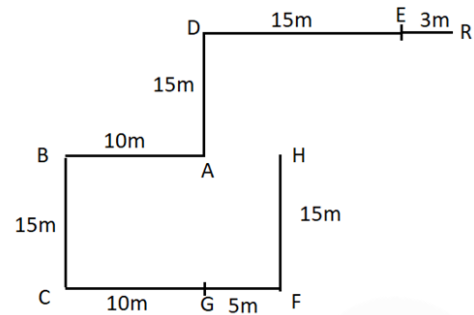
75. Ans. C.



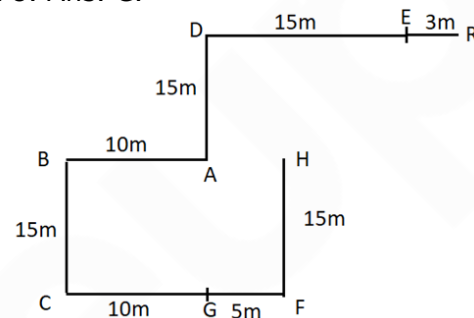
76. Ans. E.



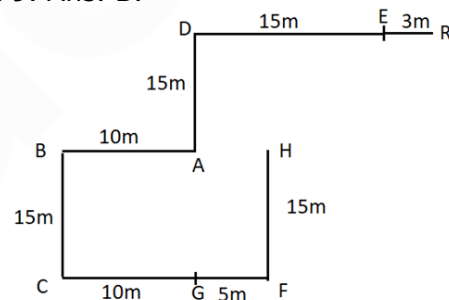
77. Ans. D.



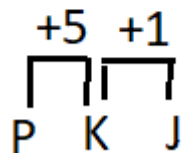
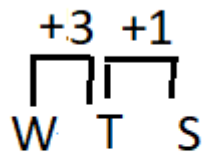
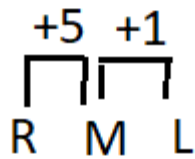
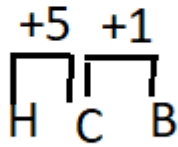
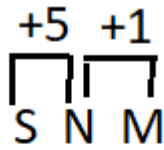
78. Ans. C.



79. Ans. B.



80. Ans. D.



81. Ans. A.

Conclusions:

I. $D > T \rightarrow \text{True}$

II. $S < N \rightarrow \text{False}$

82. Ans. E.

Conclusions:

I. $T < K \rightarrow \text{True}$

II. $A > B \rightarrow \text{True}$

83. Ans. A.

Months	People
January	P
March	B
April	D
May	Q
June	C
August	R
October	A
December	S

84. Ans. C.

Months	People
January	P
March	B
April	D
May	Q
June	C
August	R
October	A
December	S

85. Ans. B.

Months	People
January	P
March	B
April	D
May	Q
June	C
August	R
October	A
December	S

86. Ans. B.

Months	People
January	P
March	B
April	D
May	Q
June	C
August	R
October	A
December	S

87. Ans. A.

Months	People
January	P
March	B
April	D
May	Q
June	C
August	R
October	A
December	S

88. Ans. E.

Box	Weight
E	
C	
D	
A	15kg
B	

89. Ans. A.

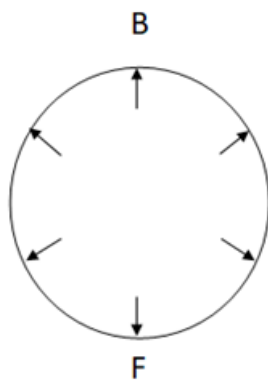
Box	Weight
E	
C	18kg
D	
A	15kg
B	

90. Ans. A.

Box	Weight
E	
C	
D	
A	15kg
B	

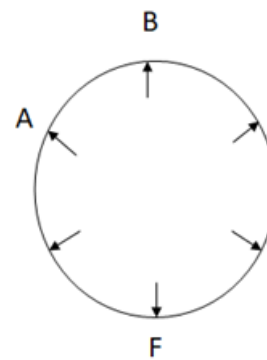
91. Ans. D.

1) B sits third to the right of F.

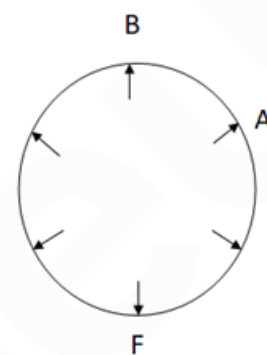


2) B and A are neighbors.

Case 1



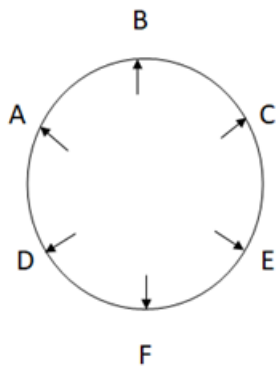
Case 2



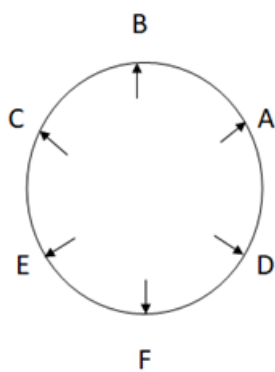
3) E sits third to the right of A.

4) C and A are not neighbors.

Case 1

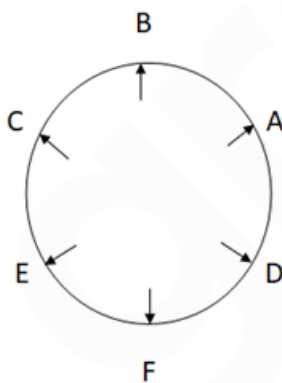


Case 2



5) C is not sitting second to the left of F.

(Here, case 1 will be eliminated)

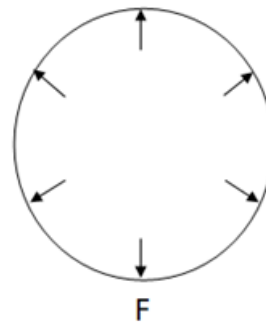


Therefore, option D is the correct answer.

92. Ans. B.

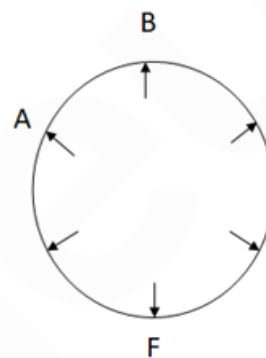
1) B sits third to the right of F.

B

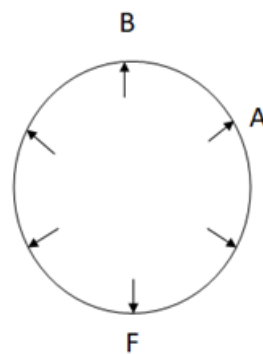


2) B and A are neighbors.

Case 1



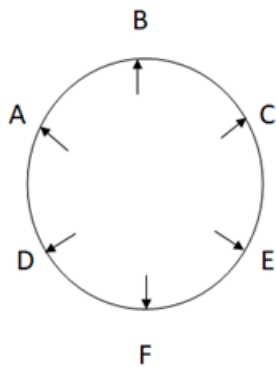
Case 2



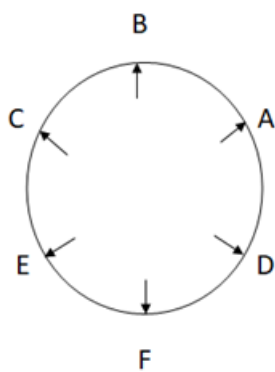
3) E sits third to the right of A.

4) C and A are not neighbors.

Case 1

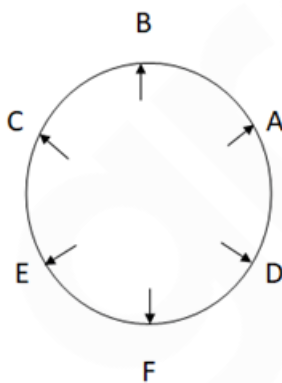


Case 2



5) C is not sitting second to the left of F.

(Here, case 1 will be eliminated)

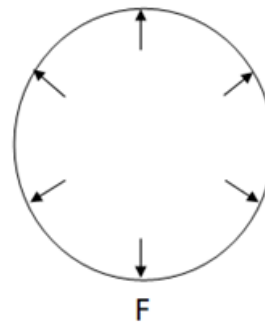


Therefore, option B is the correct answer.

93. Ans. D.

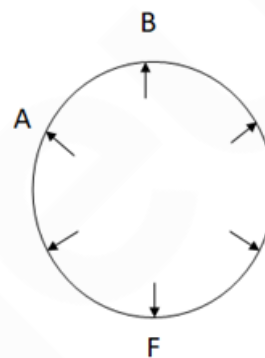
1) B sits third to the right of F.

B

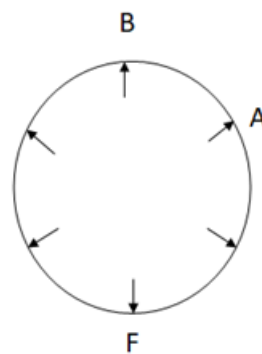


2) B and A are neighbors.

Case 1



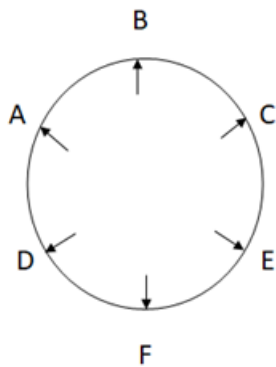
Case 2



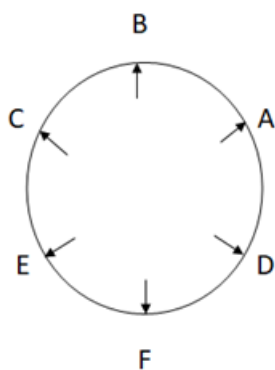
3) E sits third to the right of A.

4) C and A are not neighbors.

Case 1

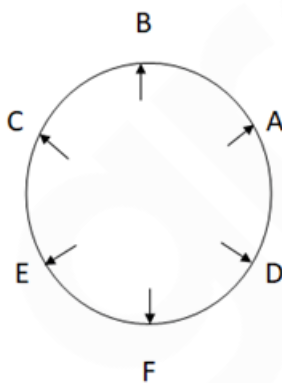


Case 2



5) C is not sitting second to the left of F.

(Here, case 1 will be eliminated)

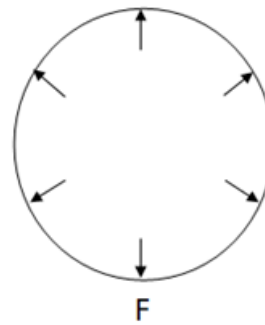


Therefore, option D is the correct answer.

94. Ans. B.

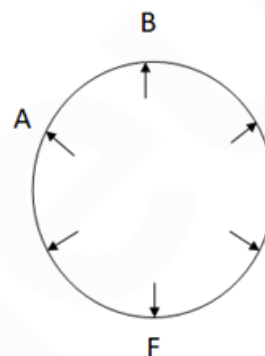
1) B sits third to the right of F.

B

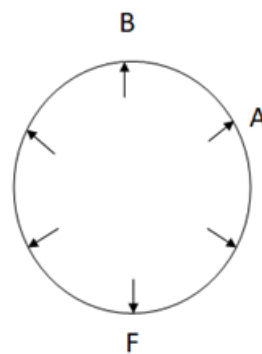


2) B and A are neighbors.

Case 1



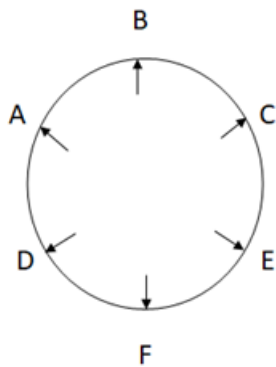
Case 2



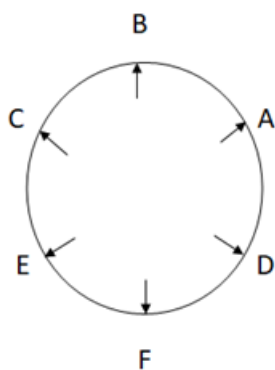
3) E sits third to the right of A.

4) C and A are not neighbors.

Case 1

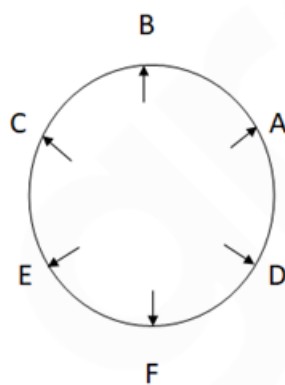


Case 2



5) C is not sitting second to the left of F.

(Here, case 1 will be eliminated)

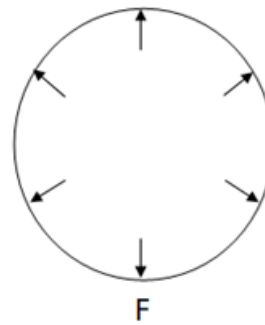


Therefore, option B is the correct answer.

95. Ans. C.

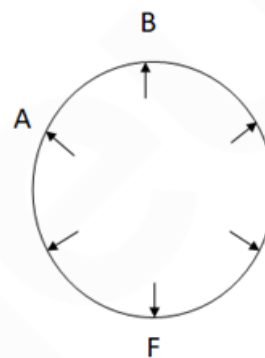
1) B sits third to the right of F.

B

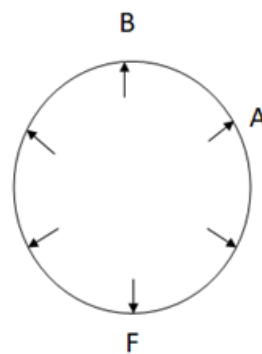


2) B and A are neighbors.

Case 1



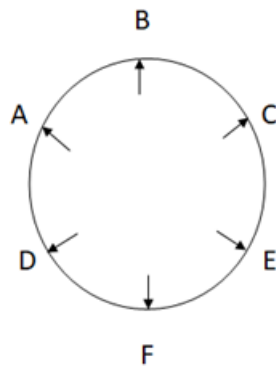
Case 2



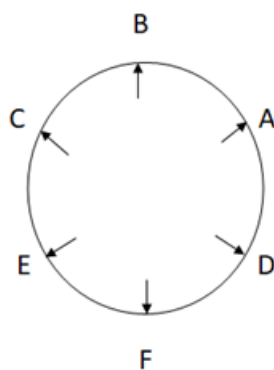
3) E sits third to the right of A.

4) C and A are not neighbors.

Case 1

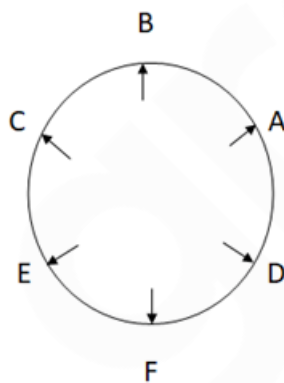


Case 2



5) C is not sitting second to the left of F.

(Here, case 1 will be eliminated)



Therefore, option C is the correct answer.

96. Ans. B.

Codes of the question are as follow:

asb: necessary

byo: training

mnp: always

den: perception

coh: teacher

vyo: stop

god: is

hen: right

rho: can

puk: bad

Hence the code for 'right' is hen.

97. Ans. C.

Codes of the question are as follow:

asb: necessary

byo: training

mnp: always

den: perception

coh: teacher

vyo: stop

god: is

hen: right

rho: can

puk: bad

Hence 'puk' is the code for bad.

98. Ans. B.

Codes of the question are as follow:

asb: necessary

byo: training

mnp: always

den: perception

coh: teacher

vyo: stop

god: is

hen: right

rho: can

puk: bad

'hen god puk' is the code for 'right is bad'

.

99. Ans. A.

Codes of the question are as follow:

asb: necessary

byo: training

mnp: always

den: perception

coh: teacher

vyo: stop

god: is

hen: right

rho: can

puk: bad

Since the code for linguist is still unknown, code for 'teacher is always linguist' is 'god coh pa mnp'.

100. Ans. C.

Codes of the question are as follow:

asb: necessary
byo: training
mnp: always
den: perception
coh: teacher
vyo: stop
god: is
hen: right
rho: can
puk: bad
Hence 'byo' is the code for 'training'.

SBI PO Prelims

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