FCI Assistant Grade 3 Previous Year Question Paper 2023

Directions (1-2): In each of the questions given below five words are given in bold. These five words may or may not be in their correct position. The sentence is then followed by options with the correct combination of words that should interchange with each other in order to make the sentence grammatically and contextually correct. Find the correct combination of the words that replace each other. If the sentence is correct then select option (E) as your answer.

Q1. India **urgently(A)** needs more **ambitious(B)** structural and financial sector **reform(C)** measures and a medium-term **fiscal(D)** consolidation strategy due to the **rising(E)** debt levels.
(a) (A) – (E)
(b) (B) – (C)
(c) (B) – (E)
(d) (A) - (D) and (B) and (E)
(e) No interchange required

Q2. The Supreme Court **verdict(A)** telecom companies for not **interpretation(B)** up the money due to the government **following(C)** the top court's October **rebuked(D)** on the **paying(E)** of the Adjusted Gross Revenue.
(a) (A) – (E)
(b) (B) – (C)
(c) (B) – (E)
(d) (A) - (D) and (B) and (E)
(e) No interchange required

Directions (3-5): Given below are six sentences given in jumbled form. Arrange the following sentences to form a coherent paragraph and answer the following questions.
A. The rules do not favour workers and tiny enterprises because they have too little power.
B. While making the lives of migrant workers more precarious.
C. The power to fix the rules of the game has become concentrated with wealthy investors and large multinational corporations.
D. Small enterprises and workers must combine into larger associations, in new forms, using technology, to tilt reforms towards their needs and their rights.
E. Large enterprises employ fewer people within their own organisations; therefore, labour unions have lost their traditional support bases.
F. A turbo-charged, financial globalisation has made life very easy for migrant capital,

Q3. What should be the THIRD sentence of the final coherent paragraph?
(a) A
(b) F
(c) D
(d) B
(e) C
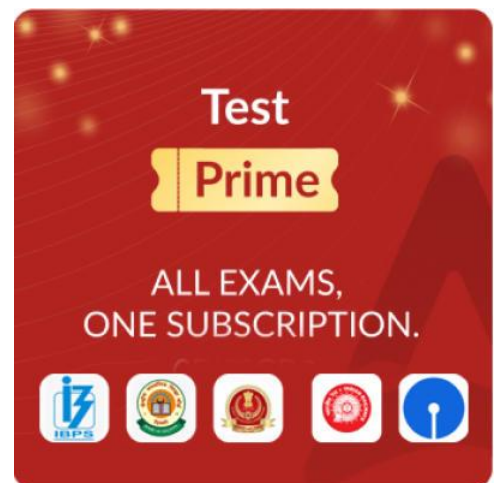
Q4. What should be the FOURTH sentence of the final coherent paragraph?
(a) A
(b) F
(c) D
(d) B
(e) E

Q5. What should be the SECOND sentence of the final coherent paragraph?
(a) F
(b) C
(c) A
(d) D
(e) B

Directions (6-12): Read the following passage carefully and answer the questions given below it. Certain words have been printed in bold to help you locate them, while answering some of the questions.

India has been dragged into a trade war **unleashed** by US President Donald Trump, who imposed a 25 per cent tariff on steel imports and 10 per cent on aluminium. India, after taking a hit of around $241 million on its exports of these items, will raise duties on about 30 US imports, including certain iron and steel goods and even fruits, vegetables, almonds and apples. India has also informed the World Trade Organisation about its move. These moves, however, seem insignificant compared to the total US exports to India, amounting to a massive $1.3 trillion.

India may lose much more than the US in this trade war as US exports are barely 12 per cent of its GDP. India, on the other hand, is the largest exporter to the US after China. India was earlier on the US radar with Mr. Trump's **grouse** over India's **imposition** of 50 per cent duty (earlier 100 per cent) on Harley Davidson bikes. There were just 84 of these expensive bikes sold in India last year. The US is also reviewing the General System of Preferences that India enjoyed after the US dairy and medical equipment sectors complained over not having easy access to India's markets. They are especially **irked** by price controls on items like stents.

The larger question, of course, is the risk world trade has been exposed to. WTO itself has become nearly **irrelevant** as most nations have shown a preference for bilateral trade agreements. These are faster and less complicated. What is interesting is that the US has always had a grouse over India being categorised as a less developed country. In Mr. Trump's view, India is no longer an LDC as its per capita income is over $1,000 a month. He says India should therefore end the subsidies it gives its exports, particularly in agriculture and the electronics hardware technology parks scheme. The US is significantly against India's assistance to the farm sector as the US farm lobby is very strong and wants India to open its markets to US farm exports. The US even held up the WTO's Doha Round on the issue of agricultural subsidies, like the minimum support price for wheat and rice, which it says is well ove r 60 to 70 per cent of the limits set by the WTO agriculture agreement.

World trade contributes to world peace and countries trading with each other are unlikely to go to war with each other. More important, it helps economies which depend totally on exports and imports. There are countries with an abundance of resources and need to monetise them. This can be achieved only through trade. The export-import sector also provides jobs and other benefits. In India, for instance, garment exports of nearly $2 billion annually from Tirupur is among the biggest employment creators in the region.

Q6. Why India might be in much more loss than US if the trade war prevails?
(a) The richer India becomes, the less the world will be willing to put up with one-sided trade policies.
(b) India cannot export directly on its own terms, coddling domestic manufacturers while blocking imports.
(c) US has always had a grouse over India being categorized as a less developed country.
(d) India is the largest exporter to the US after China.
(e) None of these.

Q7. Why the only global trade organization, WTO has become less relevant lately?
(a) Since most of nations have shown preference for bilateral trade agreements.
(b) Due to the limits set by WTO agricultural agreement.
(c) Bilateral trade agreements are much faster and less complicated.
(d) Only (a) and (c).
(e) Only (b) and (c).

Q8. Why according to US President India is no longer a less developed country?
(a) India's a free-market economy and can access global technology and capital to fuel its own innovative startups.
(b) The export-import sector of India also provides jobs and other benefits.
(c) As its per capita income is over $1000 a month.
(d) It has abundant resources and keeps on monetizing them.
(e) All of these

Q9. What is the reason behind US's opposition to India's support in agricultural sector?
(a) MSP for some entities is over 60 to 70 per cent of the limits set by the WTO agriculture agreement.
(b) Because it wants India to open its markets to US farm exports as US farm lobby is very strong.
(c) Since it has always had a grouse over India being categorized as LDC
(d) Both (a) and (b).
(e) Both (b) and (c).

Q10.How does the world trade contribute to the world peace?
(a) Without having to do the hard cost cutting and increased competitiveness
(b) By somehow preserving access to capital and technology from behind high tariff walls
(c) Economies undergoing the exchange of goods and services with each other are unlikely to go to war.
(d) By demonetizing of resources which can only be achieved through trade
(e) None of these

Q11. Choose the word which is most nearly the SAME in meaning as the word printed in bold as used in the passage.
Unleashed
(a) Restrained
(b) Constrained
(c) Shackle
(d) Released
(e) Repressed

Q12. Choose the word which is most nearly the SAME in meaning as the word printed in bold as used in the passage.

Preference

(a) Honor
(b) Acclaim
(c) Despise
(d) Grumble
(e) Fondness

Directions (13-17): In the following questions, a sentence is divided into four parts consisting of a highlighted word in each part. Choose the option reflecting the word which is either misspelt or grammatically incorrect. If all the highlighted words are correct, choose option (E) i.e. "all are correct" as your answer choice.

Q13. UN General **Assembly (A)** through a **resolution (B)** in 2015 **prescribed (C)** standard minimum rules for **acomodation (D)** of disabled prisoners.

(a) Assembly
(b) Resolution
(c) Prescribed
(d) Acomodation
(e) All are correct.

Q14. This part of his **upbringing, (A)** leaning on prayer and the **undogmatic (B)** examination of **conscious (C),** had little **intellectual(D)** content about it.

(a) upbringing
(b) undogmatic
(c) conscious
(d) intellectual
(e) All are correct

Q15. Equally dangerous is a political project that **foists (A)** a **singularity (B)** or **homogenety (C)** and calls for **obliteration (D)** of multiplicity and fluidity.

(a) Foists
(b) Singularity
(c) Homogenety
(d) Obliteration
(e) All are correct

Q16. According to the French **Philsopher (A)** Ricouer, there is a **duality (B)** that lasts through one's life and one remains **faithful (C)** to it in double **allegiance (D).**

(a) Phisopher
(b) Duality
(c) Faithful
(d) Allegiance
(e) All are correct

Q17. The **reluctance (A)** has only increased after **mounting (B)** international **ire (C)** over the reporting of **outbreak (D)** of the virus.

(a) Reluctance
(b) Mounting
(c) Ire
(d) Outbreak
(e) All are correct

Directions (18-22): Given below are four jumbled sentences. Select the option that gives their correct order.

Q18. (A) Ms. Suu Kyi feels that she has
(B) democratization transition has to eventually succeed
(C) No option but to cooperate
(D) with the military if Myanmar's

(a) ACBD
(b) ACDB
(c) BCDA
(d) CBDA
(e) No rearrangement required

Q19. (A) and maximum pressure on Iran
(B) Of economic sanctions
(C) Last but not the least, the end of Trump
(D) administration does not necessarily mean the end

(a) DBAC
(b) CABD
(c) CDBA
(d) ACBD
(e) No rearrangement required

Q20. (A) of a Mother Teresa or Malala Yousafzai
(B) Giving the Nobel Prize to sitting
(C) risky and these recipients should not be held to a gold standard
(D) prime ministers or presidents is inherently

(a) BDCA
(b) BDAC
(c) CDBA
(d) ACBD
(e) No rearrangement required

Q21. (A) until proven guilty
(B) is presumed innocent
(C) The fundamental tenet on which Indian criminal law
(D) operates is that an accused

(a) BCDA
(b) CABD
(c) CBDA
(d) CDBA
(e) No rearrangement required

Q22. (A) virus originated in bats
(B) and probably spread to humans
(C) there is a strong evidence that the
(D) through an intermediate species
(a) CBAD
(b) CDAB
(c) CABD
(d) CDBA
(e) No rearrangement required

Directions (23-25): In the following passage there are blanks, each of which has been numbered. These numbers are printed below the passage and against each, five options are given. Find out the appropriate word which fits the blank appropriately.

Q23. The Supreme Court on Tuesday _____ **(23)** to entertain petitions seeking judicial inquiry or CBI probe against Andhra Pradesh Chief Minister Y.S. Jagan Mohan Reddy for the circumstances leading to the release of his letter addressed to Chief Justice of India levelling _____ **(24)** against a sitting Supreme Court judge and State High Court judges. The court also declined a plea by one of the petitioners to issue a writ of quo warranto against Mr. Reddy for releasing the _____ **(25)** letter to the public and thus "misusing his office". Besides, the Bench led by Justice Sanjay Kishan Kaul noted that it did not want any "multiplicity of litigation".
(a) refused
(b) welcome
(c) issued
(d) abjured
(e) difficult

Q24. The Supreme Court on Tuesday _____ **(23)** to entertain petitions seeking judicial inquiry or CBI probe against Andhra Pradesh Chief Minister Y.S. Jagan Mohan Reddy for the circumstances leading to the release of his letter addressed to Chief Justice of India levelling _____ **(24)** against a sitting Supreme Court judge and State High Court judges. The court also declined a plea by one of the petitioners to issue a writ of quo warranto against Mr. Reddy for releasing the _____ **(25)** letter to the public and thus "misusing his office". Besides, the Bench led by Justice Sanjay Kishan Kaul noted that it did not want any "multiplicity of litigation".
(a) plains
(b) outage
(c) allegations
(d) serendipity
(e) sorrow

Q25. The Supreme Court on Tuesday _____ **(23)** to entertain petitions seeking judicial inquiry or CBI probe against Andhra Pradesh Chief Minister Y.S. Jagan Mohan Reddy for the circumstances leading to the release of his letter addressed to Chief Justice of India levelling _____ **(24)** against a sitting Supreme Court judge and State High Court judges. The court also declined a plea by one of the petitioners to issue a writ of quo warranto against Mr. Reddy for releasing the _____ **(25)** letter to the public and thus "misusing his office". Besides, the Bench led by Justice Sanjay Kishan Kaul noted that it did not want any "multiplicity of litigation".
(a) broken
(b) confidential
(c) fomented
(d) hearsay
(e) belligerent

Directions (26-30): निम्नलिखित जानकारी का ध्यानपूर्वक अध्ययन करें और नीचे दिए गए प्रश्नों के उत्तर दें।
आठ व्यक्ति एक इमारत की आठ मंजिलों पर रहते हैं। भूतल की संख्या 1 है और सबसे ऊपरी मंजिल की संख्या 8 है।
V, चौथी मंजिल के ऊपर एक सम संख्या वाली मंजिल पर रहता है। V और U के बीच तीन व्यक्ति रहते हैं। R और Q, जो R की मंजिल के नीचे रहता है, के बीच दो व्यक्ति रहते हैं। Q भूतल पर नहीं रहता है। P और T, जो U की मंजिल के ऊपर रहता है, के मध्य तीन व्यक्ति रहते हैं। P के नीचे रहने वाले व्यक्तियों की संख्या, S के ऊपर रहने वाले व्यक्तियों की संख्या के समान है। W, P की मंजिल के नीचे नहीं रहता है।

Q26. निम्नलिखित में से कौन R की मंजिल के ठीक ऊपर रहता है?
(a) P
(b) W
(c) S
(d) T
(e) इनमें से कोई नहीं

Q27. निम्नलिखित में से कौन 5वीं मंजिल पर रहता है?
(a) W
(b) V
(c) S
(d) T
(e) इनमें से कोई नहीं

Q28. V और P की मंजिलों के बीच कितने व्यक्ति रहते हैं?
(a) तीन से अधिक
(b) दो
(c) एक
(d) तीन
(e) कोई नहीं

Q29. R और W के बीच रहने वाले व्यक्तियों की संख्या, ___ और ____ के बीच रहने वाले व्यक्तियों की संख्या के समान है।
(a) S, T
(b) V, U
(c) P, V
(d) Q, R
(e) इनमें से कोई नहीं

Q30. W के बारे में निम्नलिखित में से कौन-सा कथन सत्य है?

(a) W, T के ठीक नीचे रहता है

(b) W एक सम संख्या वाली मंजिल पर रहता है

(c) केवल दो व्यक्ति W और R के बीच रहते हैं

(d) W, P के ठीक ऊपर रहता है

(e) कोई भी सत्य नहीं है

Directions (31-33): जानकारी का ध्यानपूर्वक अध्ययन करें और नीचे दिए गए प्रश्नों के उत्तर दें।

एक व्यक्ति बिंदु A से अपनी यात्रा शुरू करता है। वह पूर्व दिशा की ओर 10 मीटर चलता है और बिंदु B पर पहुँचता है। अब, दाईं ओर मुड़कर, वह बिंदु C पर पहुँचने के लिए 5 मीटर चलता है और फिर वह बाएं मुड़ता है और बिंदु D पर पहुँचने के लिए 10 मीटर चलता है। बिंदु D से, वह उत्तर दिशा में 10 मीटर चलता है और बिंदु E पर पहुँचता है।

Q31. उस बिंदु के सापेक्ष में A की दिशा क्या है जो D के 5 मीटर उत्तर में है?

(a) उत्तर पश्चिम

(b) पश्चिम

(c) पूर्व-उत्तर

(d) पूर्व

(e) इनमें से कोई नहीं

Q32. बिंदु E और A के बीच की न्यूनतम दूरी ज्ञात कीजिये।

(a) 17 √5 मीटर

(b) 5 √17 मीटर

(c) √423 मीटर

(d) √426 मीटर

(e) इनमें से कोई नहीं

Q33. C के सापेक्ष में E की दिशा क्या है?

(a) उत्तर-पश्चिम

(b) दक्षिण-पश्चिम

(c) पूर्व-उत्तर

(d) दक्षिण-पूर्व

(e) इनमें से कोई नहीं

Q34. सार्थक शब्द 'CAPABILITY' में अक्षरों के ऐसे कितने युग्म हैं जिनमें से प्रत्येक के बीच शब्द में उतने ही अक्षर हैं जितने कि अंग्रेजी वर्णमाला में (पीछे और आगे दोनों से) हैं?

(a) दो

(b) एक

(c) तीन से अधिक

(d) तीन

(e) इनमें से कोई नहीं

Directions (35-38): अक्षरांकीय श्रृंखला का ध्यानपूर्वक अध्ययन करें और नीचे दिए गए प्रश्नों के उत्तर दें।

एक निश्चित कूट भाषा में:

"Slow motion cricket camera" को "wq dr eg pq" के रूप में कूटबद्ध किया गया है

"Ultra motion sensor review" को "sa pq vx zh" के रूप में कूटबद्ध किया गया है

"Third umpire review pending" को "yt rs ub zh" के रूप में कूटबद्ध किया गया है

"Cricket review ultra pending" को "eg zh sa ub" के रूप में कूटबद्ध किया गया है

Q35. दी गई कूट भाषा में "Sensor" के लिए कूट क्या है?
(a) sa
(b) pq
(c) zh
(d) vx
(e) इनमें से कोई नहीं

Q36. कूट "rs" निम्नलिखित में से किस शब्द का कूट है?
(a) Third
(b) Review
(c) Umpire
(d) Pending
(e) निर्धारित नहीं किया जा सकता है

Q37. दी गई कूट भाषा में "Third review" का कूट क्या हो सकता है?
(a) zh rs
(b) vx yt
(c) या तो (a) या (b)
(d) yt zh
(e) या तो (a) या (d)

Q38. यदि "slow network" को "tw dr" के रूप में कूटबद्ध किया जाता है तो "Camera" के लिए कूट क्या है?
(a) wq
(b) eg
(c) vx
(d) dr
(e) pq

Directions (39-42): निम्नलिखित जानकारी का ध्यानपूर्वक अध्ययन करें और नीचे दिए गए प्रश्नों के उत्तर दें।

एक निश्चित संख्या में व्यक्ति एक पंक्ति में बैठे हैं। उन सभी का मुख उत्तर की ओर है। G, D के दायें से छठे स्थान पर बैठा है। D और B, जो G का निकटतम पड़ोसी नहीं है, के मध्य चार व्यक्ति बैठे हैं। H, जो G का निकटतम पड़ोसी है, F उसके बायें से दूसरे स्थान पर बैठा है। B के बायीं ओर बैठे व्यक्तियों की संख्या, N के दाईं ओर बैठे व्यक्तियों की संख्या से एक अधिक है। G और M, जो N के बायें से दूसरे स्थान पर बैठा है, उनके ठीक बीच में L बैठा है। M और L के बीच बैठे व्यक्तियों की संख्या, B और A, जो किसी एक अंतिम छोर पर बैठा है, के बीच बैठे व्यक्तियों की संख्या के समान है। H, L के बायें से चौथे स्थान पर बैठा है। G के दायें दस से अधिक व्यक्ति नहीं बैठे हैं।

Q39. D और F के मध्य कितने व्यक्ति बैठे हैं?
(a) एक
(b) दो
(c) चार
(d) छ:
(e) इनमें से कोई नहीं

Q40. निम्नलिखित में से कौन L के दायें से पांचवें स्थान पर बैठा है?
(a) G
(b) D
(c) N
(d) F
(e) इनमें से कोई नहीं

Q41. यदि A और D के ठीक बीच में O बैठा है, तो B के सापेक्ष में O का स्थान क्या है?
(a) बाईं ओर दूसरा
(b) दाईं ओर दूसरा
(c) ठीक बाएं
(d) ठीक दाएं
(e) इनमें से कोई नहीं

Q42. पंक्ति में कितने व्यक्ति बैठे हैं?
(a) 25
(b) 23
(c) 18
(d) 22
(e) इनमें से कोई नहीं

Q43. यदि संख्या '98235647' में, प्रत्येक सम अंक में 1 जोड़ा जाता है और प्रत्येक विषम अंक में से 2 घटाया जाता है, तो दी गई शर्त लागू करने के बाद कितने अंक दो बार आते हैं?
(a) कोई नहीं
(b) एक
(c) दो
(d) तीन
(e) इनमें से कोई नहीं

Directions (44-47): इन प्रश्नों में कथनों में विभिन्न तत्वों के बीच संबंध को दर्शाया गया है। इन कथनों के बाद दो निष्कर्ष दिए गए हैं।
उत्तर दीजिए

Q44.
कथन: $N \geq J = M = O > R < B < S$
निष्कर्ष:

I. $N = M$
II. $N > M$

(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 और न ही II के लिए कम

(e) यदि निष्कर्ष I और II दोनों अनुसरण करते हैं

Q45.
कथन: $W \leq Y > Z = X > P > J$

निष्कर्ष:

I. $Y > P$
II. $Z < W$

(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 और न ही II के लिए कम

(e) यदि निष्कर्ष I और II दोनों अनुसरण करते हैं

Q46.
कथन: $A < B < C \leq D = E$

निष्कर्ष:

I. $B \leq E$
II. $B < E$

(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 और न ही II के लिए कम

(e) यदि निष्कर्ष I और II दोनों अनुसरण करते हैं

Q47.
कथन: $A \geq B \leq C < D > F$

निष्कर्ष:

I. $F > B$
II. $A > D$

(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 और न ही II के लिए कम

(e) यदि निष्कर्ष I और II दोनों अनुसरण करते हैं

Directions (48-50): निम्नलिखित जानकारी का ध्यानपूर्वक अध्ययन करें और दिए गए प्रश्नों के उत्तर दें।

एक परिवार में परिवार के नौ सदस्य हैं। J, K की पुत्री है। C, जिसका विवाह F से हुआ है, E उसका पिता है। N, K का पिता है। G, E से विवाहित है। G, K की बहन है। L, J की माँ है। D, G का इकलौता बेटा है।

Q48. निम्नलिखित में से कौन D का ब्रदर-इन-लॉ है?
(a) K
(b) L
(c) F
(d) J
(e) इनमें से कोई नहीं

Q49. C, J से किस प्रकार संबंधित है?
(a) माँ
(b) पिता
(c) भाई
(d) कज़िन
(e) इनमें से कोई नहीं

Q50. निम्नलिखित में से कौन D का अंकल है?
(a) F
(b) N
(c) K
(d) E
(e) इनमें से कोई नहीं

Directions (51-53): तीन अलग-अलग स्कूलों (A, B और C) में लड़कियों और लड़कों की कुल संख्या के बारे में डेटा दिया गया है। दिए गए डेटा को ध्यान से पढ़ें और प्रश्नों के उत्तर दें।

B में कुल लड़कों का C में कुल लड़कियों से अनुपात 5:8 है और A में कुल लड़कों तथा C में कुल लड़कियों का योग 114 है। C में कुल लड़के, B की तुलना में 16 अधिक हैं और B में लड़कियों की कुल संख्या, C में लड़कों की कुल संख्या से 25% अधिक है। B में कुल विद्यार्थी (लड़के + लड़कियां) 110 हैं और तीनों स्कूलों में लड़कियों की कुल संख्या 166 है।

Q51. C में कुल लड़कियों और B में कुल लड़कों के बीच का अंतर ज्ञात कीजिए।
(a) 16
(b) 8
(c) 22
(d) 14
(e) 24

Q52. तीनों स्कूलों में लड़कों की कुल संख्या ज्ञात कीजिए।
(a) 146
(b) 152
(c) 162
(d) 176
(e) 182

Q53. B में कुल लड़कियां, उसी स्कूल में कुल लड़कों से कितने प्रतिशत अधिक हैं?
(a) 45%
(b) 25%
(c) 55%
(d) 75%
(e) 80%

Q54. एक आदमी ने P रुपये में एक वस्तु खरीदी और इसे क्रय मूल्य से $\frac{100}{3}$% ऊपर अंकित किया। यदि आदमी 10% की छूट देता है और वस्तु को 720 रुपये में बेचता है, तो P का मान (रुपये में) ज्ञात कीजिए।
(a) 540
(b) 600
(c) 500
(d) 480
(e) 680

Q55. P, Q और R की औसत आयु 23 वर्ष है। Q की आयु, P की दोगुनी है और R, Q से नौ वर्ष बड़ा है। Q की वर्तमान आयु का R की वर्तमान आयु से अनुपात ज्ञात कीजिए।
(a) 5 : 6
(b) 8 : 13
(c) 8 : 9
(d) 4 : 5
(e) 8 : 11

Q56. A और B ने क्रमशः P रुपये और (P+400) रुपये के निवेश के साथ एक व्यवसाय शुरू किया। चार महीने बाद, B ने अपना आधा निवेश वापस ले लिया। वर्ष के अंत में, A के लाभ के हिस्से का B के लाभ के हिस्से से अनुपात 4:3 है। P (रूपये में) ज्ञात कीजिए।
(a) 4400
(b) 3200
(c) 2800
(d) 3600
(e) 4000

Q57. एक सोसाइटी में कुल पुरुष, महिलाएं और बच्चे 70 हैं। यदि सोसाइटी में पुरुषों का महिलाओं से अनुपात 4:3 है तथा कुल पुरुषों और महिलाओं का औसत सोसाइटी में बच्चों की कुल संख्या का दो गुना है, तो समाज में बच्चों की कुल संख्या ज्ञात कीजिए।
(a) 12
(b) 14
(c) 16
(d) 18
(e) 22

Q58. एक आदमी की मासिक आय X रुपये है और उसने किराए के लिए अपनी आय का 25% भुगतान किया। शेष में से वह 2500 रुपये किराने के लिए खर्च करता है और शेष वह बचाता है। यदि किराना और किराए के लिए भुगतान की गई राशि के बीच का अंतर 6500 रुपये है, तो X का मूल्य (रुपये में) ज्ञात करें।
(a) 18000
(b) 24000
(c) 36000
(d) 90000
(e) 72000

Q59. एक आदमी ने तीन साल के लिए 12 प्रतिशत प्रतिवर्ष की दर से साधारण ब्याज पर **X** रुपये का निवेश एक योजना में किया और ब्याज के रूप में 14400 रुपये प्राप्त किए। अगर वह आदमी 2 वर्ष के लिए 20% प्रतिवर्ष की दर से चक्रवृद्धि ब्याज पर **(X+10000)** रुपये का निवेश करता है, तो आदमी द्वारा प्राप्त कुल ब्याज ज्ञात कीजिए।

(a) 22000 रुपये

(b) 24000 रुपये

(c) 25000 रुपये

(d) 30000 रुपये

(e) 18000 रुपये

Q60. एक बर्तन में 45 लीटर शुद्ध दूध है और 9 लीटर दूध निकालकर पूरी तरह से पानी से प्रतिस्थापित कर दिया जाता है। पुनः 9 लीटर मिश्रण निकाल लिया जाता है और पूरी तरह से पानी से प्रतिस्थापित कर दिया जाता है। अंतिम मिश्रण में बचे दूध की मात्रा ज्ञात कीजिये।

(a) 32.4 लीटर

(b) 28.8 लीटर

(c) 24 लीटर

(d) 33.6 लीटर

(e) इनमें से कोई नहीं

Directions (61-65): नीचे दिया गया रेखा आलेख एक दुकान द्वारा चार अलग-अलग महीनों में बेचे गए स्टेपलर और कैलकुलेटर की कुल संख्या दर्शाता है।
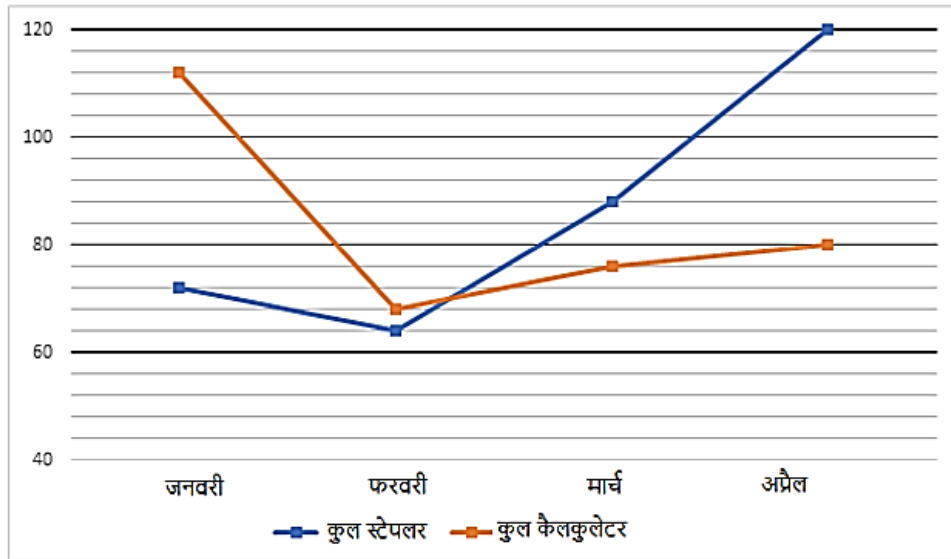
Q61. जनवरी में, कुल स्टेपलर का 16% और कुल कैलकुलेटर का 40% बिका। जनवरी में न बिकने वाले स्टेपलर की कुल संख्या और न बिकने वाले कैलकुलेटर की कुल संख्या ज्ञात कीजिए।

(a) 516

(b) 546

(c) 526

(d) 536

(e) 556

Q62. यदि फरवरी में बेचे गए कुल छोटे, मध्यम और बड़े आकार के स्टेपलर का अनुपात क्रमशः 5 : 7 : 4 है, तो फरवरी में बेचे गए कुल मध्यम स्टेपलर का मार्च में बेचे गए कुल कैलकुलेटर से अनुपात ज्ञात कीजिए।

(a) 14 : 41

(b) 14 : 37

(c) 7 : 19

(d) 16 : 39

(e) 14 : 33

Q63. दिए गए सभी चार महीनों में बेचे गए स्टेपलरों की औसत संख्या ज्ञात कीजिए।

(a) 76

(b) 86

(c) 96

(d) 88

(e) 82

Q64. मई में, दुकान द्वारा बेचे गए कुल स्टेपलर पिछले महीने की तुलना में 20% अधिक हैं और दुकान द्वारा बेचे गए कुल कैलकुलेटर पिछले महीने की तुलना में 37.5% अधिक हैं। मई में दुकान द्वारा बेचे गए कुल स्टेपलर और कुल कैलकुलेटर के बीच अंतर ज्ञात कीजिए।

(a) 24

(b) 34

(c) 44

(d) 32

(e) 26

Q65. फरवरी में दुकान द्वारा बेचे गए कुल स्टेपलर और कैलकुलेटर तथा अप्रैल में दुकान द्वारा बेचे गए कुल स्टेपलर और कैलकुलेटर के बीच अंतर ज्ञात कीजिए।

(a) 48

(b) 58

(c) 68

(d) 78

(e) 66

Q66. श्रेया द्वारा 2D किमी की दूरी तय करने में लिए गए समय की तुलना में मनोज को 'D' किमी की दूरी तय करने में दोगुना समय लगता है। मनोज अपने घर से चला और 30 मिनट बाद श्रेया अपने घर से चली लेकिन वह 20/3 किमी चलने के बाद उसे पकड़ लेती है। श्रेया की चाल ज्ञात कीजिये। (चाल किमी प्रति घंटे में मानी जाती है)

(a) 40 किमी प्रति घंटे

(b) 13.33 किमी प्रति घंटे

(c) 28.5 किमी प्रति घंटे

(d) 17.77 किमी प्रति घंटे

(e) इनमें से कोई नहीं

Q67. यदि बाड़ लगाने की लागत 11 रुपये प्रति मीटर है और एक आयताकार क्षेत्र की लंबाई, क्षेत्र की चौड़ाई से 50% अधिक है, तो आयताकार क्षेत्र, जिसका क्षेत्रफल 486 वर्ग मीटर है, की बाड़ लगाने की कुल लागत क्या होगी?
(a) 1100 रुपये
(b) 990 रुपये
(c) 880 रुपये
(d) 770 रुपये
(e) 660 रुपये

Directions (68-71): निम्नलिखित संख्या शृंखला में प्रश्न (?) चिह्न के स्थान पर क्या आएगा।

Q68. 60, 83, 129, 198, ?, 405
(a) 290
(b) 300
(c) 280
(d) 296
(e) 310

Q69. 235, 196, 155, 112, 67, ?
(a) 16
(b) 24
(c) 40
(d) 30
(e) 20

Q70. 17, 38, 70, 124, 211, ?
(a) 332
(b) 342
(c) 352
(d) 312
(e) 322

Q71. 11, 10, 19, 56, ?, 1114
(a) 217
(b) 233
(c) 213
(d) 223
(e) 221

Directions (72-75): निम्नलिखित प्रश्नों में (?) के स्थान पर क्या मान आना चाहिए?

Q72. $(1250 + 1725) \div (825 + 365) = ?$
(a) 1.5
(b) 2.5
(c) 1
(d) 2.25
(e) 2.75

Q73. $\sqrt{625} \div \sqrt{16} \times 6 = 300$ का ?%

(a) 15
(b) 12.5
(c) 17.5
(d) 10
(e) 8.5

Q74. $26 \times 15 + 310 - (15)^2 = ?$ का 25%

(a) 1600
(b) 1800
(c) 1900
(d) 1500
(e) 1700

Q75. $\sqrt{81} \times \sqrt{625} + 1225 = (?)^2 - 150$

(a) 50
(b) 45
(c) 35
(d) 30
(e) 40

Q76. 2011 की जनगणना के दौरान निम्नलिखित में से किस राज्य की जनसंख्या में गिरावट आई है?

(a) नागालैंड
(b) मणिपुर
(c) त्रिपुरा
(d) अरुणाचल प्रदेश
(e) सिक्किम

Q77. मिस दीवा यूनिवर्स 2022 का प्रतिष्ठित खिताब किसने जीता है?

(a) आर्य वालवेकर
(b) दिविता राय
(c) दीया मिर्जा
(d) पल्लवी सिंह
(e) इनमें से कोई नहीं

Q78. 2022 आईसीसी पुरुष टी20 विश्व कप, आठवां आईसीसी पुरुष टी20 विश्व कप टूर्नामेंट था। यह _____ में आयोजित किया गया था।

(a) इंग्लैंड
(b) दक्षिण अफ्रीका
(c) न्यूजीलैंड
(d) बांग्लादेश
(e) ऑस्ट्रेलिया

Q79. भारत दुनिया में चीनी का सबसे बड़ा उत्पादक और उपभोक्ता बनकर उभरा है। चीनी निर्यातक राष्ट्र के रूप में भारत का स्थान क्या है?

(a) पहला

(b) दूसरा

(c) तीसरा

(d) चौथा

(e) पांचवां

Q80. निम्नलिखित में से कौन-सा प्राकृतिक रेशा (Fiber) नहीं है?

(a) कपास

(b) जूट

(c) अलसी

(d) नायलॉन

(e) भांग

Q81. भारत सरकार ने महात्मा गांधी श्रृंखला के सभी ₹500 और ₹1,000 के नोटों के विमुद्रीकरण की घोषणा की। विमुद्रीकरण की घोषणा _____ को की गई थी।

(a) 8 नवंबर 2015

(b) 8 नवंबर 2016

(c) 16 नवंबर 2016

(d) 18 नवंबर 2016

(e) 8 नवंबर 2017

Q82. राष्ट्रीय डेयरी योजना (एनडीपी-I), जिसे 'मिशन मिल्क' कहा जाता है, _____ के दौरान लागू की गई थी।

(a) 1965 - 1970

(b) 1999 - 2005

(c) 2003 - 2009

(d) 2007 - 2012

(e) 2012 - 2019

Q83. पानी के महत्व को उजागर करने के लिए हर साल 22 मार्च को विश्व जल दिवस मनाया जाता है। विश्व जल दिवस 2022 का विषय क्या था?

(a) Groundwater: making the visible invisible

(b) Groundwater: making the invisible visible

(c) Valuing Water

(d) Groundwater– The Invisible Resource

(e) Water and Climate Change

Q84. भारत में कितने शास्त्रीय नृत्य हैं?

(a) 6

(b) 8

(c) 9

(d) 12

(e) 5

Q85. 2011 की जनगणना के आंकड़ों के अनुसार, भारत में पुरुष जनसंख्या की साक्षरता _____ है।
(a) 74.04%
(b) 82.14%
(c) 86.14%
(d) 65.46%
(e) इनमें से कोई नहीं

Q86. निम्नलिखित में से कौन-सा भारत में सबसे बड़ा बांध है?
(a) भाखड़ा बांध
(b) लखवार बांध
(c) टिहरी बांध
(d) सरदार सरोवर बांध
(e) श्रीशैलम बांध

Q87. सिन्धु घाटी सभ्यता के लोगों का मुख्य व्यवसाय .... था।
(a) कृषि
(b) शिकार
(c) व्यापार
(d) मत्स्य पालन
(e) इनमें से कोई नहीं

Q88. रामचरितमानस रामायण पर आधारित _____ भाषा में एक महाकाव्य कविता है और 16वीं शताब्दी के भारतीय भक्ति कवि तुलसीदास द्वारा रचित है।
(a) संस्कृत
(b) प्राकृत
(c) अवधी
(d) हिंदी
(e) इनमें से कोई नहीं

Q89. प्रधानमंत्री वय वंदना योजना को सरकार द्वारा कब शुरू किया गया था?
(a) 4 मई 2017
(b) 9 मई 2017
(c) 5 मई 2015
(d) 4 मई 2016
(e) 6 मई 2019

Q90. बाघ भारत का राष्ट्रीय पशु है। बाघ का वैज्ञानिक नाम क्या है?
(a) पैंथेरा टाइग्रिस
(b) फेलिस कैटस
(c) फेलिस टाइग्रिस
(d) फेलिडे
(e) इनमें से कोई नहीं

Q91. निम्नलिखित में से कौन मध्यकाल में सूफी संत थे/थे?

(a) ख्वाजा मुइनुद्दीन चिश्ती

(b) शेख निजामुद्दीन औलिया

(c) फरीउद्दीन गंज-ए-शकर

(d) केवल (a) और (c)

(e) दोनों (a), (b) और (c)

Q92. हम्पी को हम्पी में स्मारकों के समूह के रूप में भी जाना जाता है, यह _____ के विजयनगर जिले के हम्पी शहर में स्थित एक यूनेस्को विश्व धरोहर स्थल है।

(a) कर्नाटक

(b) तमिलनाडु

(c) तेलंगाना

(d) गुजरात

(e) इनमें से कोई नहीं

Q93. क्षेत्रफल की दृष्टि से निम्न में से भारत का सबसे बड़ा राज्य कौन सा है?

(a) महाराष्ट्र

(b) कर्नाटक

(c) उत्तर प्रदेश

(d) राजस्थान

(e) मध्य प्रदेश

Q94. निम्नलिखित में से कौन अर्थशास्त्री नहीं है?

(a) एडम स्मिथ

(b) जे.एम. केन्स

(c) अमर्त्य सेन

(d) मनमोहन सिंह

(e) कैलाश सत्यार्थी

Q95. निम्नलिखित में से किस फल या सब्जी में एस्कॉर्बिक अम्ल नहीं पाया जाता है?

(a) खट्टे फल

(b) जामुन

(c) हरी पत्तेदार सब्जियाँ

(d) अनार

(e) टमाटर

Q96. निम्नलिखित में से कौन-सा कैल्शियम हाइड्रॉक्साइड के संतृप्त जलीय घोल का सामान्य नाम है?

(a) लाइमवाटर

(b) एक्वा रेजिया

(c) क्लब सोडा

(d) चूना पत्थर

(e) मोहर लवण

Q97. किसी दिए गए सुचालक का प्रतिरोध किस पर निर्भर करता है?

(a) वह पदार्थ जिससे यह बना है

(b) इसके आयाम

(c) केवल (a)

(d) (a) और (b) दोनों

(e) इनमें से कोई नहीं

Q98. गिर वन राष्ट्रीय उद्यान कहाँ स्थित है?

(a) पश्चिम बंगाल

(b) गुजरात

(c) मध्य प्रदेश

(d) ओडिशा

(e) इनमें से कोई नहीं

Q99. कृष्णा नदी निम्नलिखित में से किस राज्य से होकर बहती है?

(a) महाराष्ट्र

(b) कर्नाटक

(c) तेलंगाना

(d) आंध्र प्रदेश

(e) उपरोक्त सभी

Q100. मुगल बादशाह शाहजहाँ का उत्तराधिकारी कौन-था?

(a) अकबर

(b) जहांगीर

(c) आलमगीर प्रथम

(d) औरंगजेब

(e) इनमें से कोई नहीं

Solutions

S1. Ans.(e)
Sol. The given sentence is grammatically and contextually correct. The positions of all the words are correct and hence no interchange is required. Therefore, option (e) is the most suitable answer choice.

S2. Ans.(d)
Sol. In the given statement, the words (A)-(D) and (B)-(E) need to be interchanged to frame a grammatically correct and contextually meaningful sentence. The sentence thus formed is "The Supreme Court rebuked telecom companies for not paying up the money due to the government following the top court's October verdict on the interpretation of the Adjusted Gross Revenue" Hence, option (d) is the most suitable answer choice.

S3. Ans.(e)
Sol. The correct sequence is **FBCAED**

F is the 1st statement because it introduces the topic of discussion which is the impact of financial globalization on 'migrant capital'

B is the 2nd statement. As the use of 'while' indicates 'contrast', here also we can see this (in relation to 1st statement) as the life is easy for migrant capital but we can't say the same for migrant workers.

The combination **C-A** then forms the next two statements as it elaborates how the power is concentrated with wealthy investors and how it is not in favour of workers.

E-D then forms the last two sentences as **E** specifies the impact on one such component due to shift in balance and **D** then concludes by stating the steps that need to be taken.

S4. Ans.(a)
Sol. The correct sequence is **FBCAED**

F is the 1st statement because it introduces the topic of discussion which is the impact of financial globalization on 'migrant capital'

B is the 2nd statement. As the use of 'while' indicates 'contrast', here also we can see this (in relation to 1st statement) as the life is easy for migrant capital but we can't say the same for migrant workers.

The combination **C-A** then forms the next two statements as it elaborates how the power is concentrated with wealthy investors and how it is not in favour of workers.

E-D then forms the last two sentences as **E** specifies the impact on one such component due to shift in balance and **D** then concludes by stating the steps that need to be taken.

S5. Ans.(e)
Sol. The correct sequence is **FBCAED**

F is the 1st statement because it introduces the topic of discussion which is the impact of financial globalization on 'migrant capital'

B is the 2nd statement. As the use of 'while' indicates 'contrast', here also we can see this (in relation to 1st statement) as the life is easy for migrant capital but we can't say the same for migrant workers.

The combination **C-A** then forms the next two statements as it elaborates how the power is concentrated with wealthy investors and how it is not in favour of workers.

E-D then forms the last two sentences as **E** specifies the impact on one such component due to shift in balance and **D** then concludes by stating the steps that need to be taken.

S6. Ans.(d)
Sol. Refer to the second paragraph of the passage, it is given that India may lose much more than the US in this trade war as US exports are barely 12 per cent of its GDP. Furthermore it is the largest exporter to the US after China." India was earlier on the US radar with Mr. Trump's grouse over India's imposition of 50 per cent duty (earlier 100 per cent) on Harley Davidson bikes. There were just 84 of these expensive bikes sold in India last year."

S7. Ans.(d)
Sol. The answer is mentioned in the third paragraph where the author talks about the larger risk the world trade is exposed to." WTO itself has become nearly irrelevant as most nations have shown a preference for bilateral trade agreements. These are faster and less complicated. What is interesting is that the US has always had a grouse over India being categorised as a less developed country."

S8. Ans. (c)
Sol. In the third paragraph of the passage it is elaborated that how and why US President Mr. Donald Trump is against India being categorized as LDC. The main reason being that its per capita income crosses over $1000 a month. He says India should therefore end the subsidies it gives its exports, particularly in agriculture and the electronics hardware technology parks scheme.

S9. Ans.(e)
Sol. The correct answer is option (e).The third paragraph of the passage illustrates how US is significantly against India's assistance to the farm sector as the US farm lobby is very strong and wants India to open its markets to US farm exports. "These are faster and less complicated. What is interesting is that the US has always had a grouse over India being categorised as a less developed country. In Mr. Trump's view, India is no longer an LDC as its per capita income is over $1,000 a month. He says India should therefore end the subsidies it gives its exports, particularly in agriculture and the electronics hardware technology parks scheme. The US is significantly against India's assistance to the farm sector as the US farm lobby is very strong and wants India to open its markets to US farm exports."

S10. Ans.(c)
Sol. Refer to the last paragraph of the passage, "World trade contributes to world peace and countries trading with each other are unlikely to go to war with each other. More important, it helps economies which depend totally on exports and imports. Option (d) is wrong, instead it contributes to peace by monetizing resources which can only be achieved through trade. Options (a) and (b) are not mentioned in the passage. Hence option (c) is the right choice.

S11. Ans.(d)
Sol. The right choice is option (d).Unleashed means released.
Released means allow or enable to escape from confinement; set free.
Restrained means kept under control.
Constrained means appearing forced or overly controlled.
Shackle- a pair of fetters connected together by a chain, used to fasten a prisoner's wrists or ankles together
Repressed means restrained or oppressed.

S12. Ans.(e)
Sol. The correct choice is option (e).Prefernce means to fondness.
Prefernce means to complain about something in a bad-tempered way.
Acclaim means praise enthusiastically and publicly.
Approbation means approval or praise.
Despise means feel contempt or a deep repugnance for.

S13. Ans.(d)
Sol. The correct spelling is "ACCOMMODATION".

S14. Ans.(c)
Sol. The correct word to be used here is "CONSCIENCE" not conscious. CONSCIOUS means to be aware one's surroundings and CONSCIENCE means inner voice.

S15. Ans.(c)
Sol. The correct spelling is "HOMOGENEITY"

S16. Ans.(a)
Sol. The correct spelling is "PHILOSOPHER"

S17. Ans.(e)
Sol. All of the highlighted words are correctly spelt.

S18. Ans.(b)
Sol. The correct rearrangement of the parts of statement will be "ACDB" which will make a grammatically correct and contextually meaningful statement. Hence, option (b) is the most suitable answer choice. The correct statement thus formed will be:
"Ms Suu Kyi feels that she has no option but to cooperate with the military if Myanmar's democratization transition has to eventually succeed"

S19. Ans.(c)
Sol. The correct rearrangement of the parts of statement will be "CDBA" which will make a grammatically correct and contextually meaningful statement. Hence, option (c) is the most suitable answer choice. The correct statement thus formed will be:
"Last but not the least the end of the Trump administration does not necessarily mean the end of economic sanctions and maximum pressure on Iran"

S20. Ans.(a)
Sol. The correct rearrangement of the parts of statement will be "BDCA" which will make a grammatically correct and contextually meaningful statement. Hence, option (a) is the most suitable answer choice. The correct statement thus formed will be:
"Giving Nobel Prize to sitting Prime Ministers and Presidents is inherently risky and those recipients should not be held to the gold standard of a Mother Teresa or Malala Yousafzai"

S21. Ans.(d)
Sol. The correct rearrangement of the parts of statement will b e "CDBA" which will make a grammatically correct and contextually meaningful statement. Hence, option (d) is the most suitable answer choice. The correct statement thus formed will be:
"The fundamental tenet on which Indian Criminal Law operates is that an accused is innocent until proven guilty"

S22. Ans.(c)
Sol. The correct rearrangement of the parts of statement will be "CABD" which will make a grammatically correct and contextually meaningful statement. Hence, option (c) is the most suitable answer choice. The correct statement thus formed will be:
"There is a strong evidence that the virus originated in bats and probably spread to humans through an intermediate species"

S23. Ans.(a)

Sol. The given paragraph is describing a legal situation addressed by the Supreme Court about a complaint filed by the Andhra Pradesh government. Thus, the most suitable word for the given blank is "refused". All the other words are either grammatically or contextually incorrect. Hence, option (a) is the correct answer choice.

Refused means to deny. Thus, the Supreme Court denied to entertain petitions relating to the case.

Abjured: to promise publicly or formally that you will give up or not accept a belief or a way of behaving

S24. Ans.(c)

Sol. The given paragraph is describing a legal situation addressed by the Supreme Court about a complaint filed by the Andhra Pradesh government. Thus, the most suitable word for the given blank is "allegations". All the other words are either grammatically or contextually incorrect. Hence, option (c) is the correct answer choice.

Allegation means to accuse someone of doing something (usually negative) yet to be proved.

Serendipity: the fact of finding interesting or valuable things by chance

S25. Ans.(b)

Sol. The given paragraph is describing a legal situation addressed by the Supreme Court about a complaint filed by the Andhra Pradesh government. Thus, the most suitable word for the given blank is "confidential". All the other words are either grammatically or contextually incorrect. Hence, option (b) is the correct answer choice.

Confidential means- something that is a secret or private. (in this case, a letter)

Hearsay: information that you have heard but do not know to be true.

Fomented: to cause trouble or violence and make people fight each other or the government

Belligerent: unfriendly and aggressive

S26. Ans.(c)

Sol. V lives on an even numbered floor above 4th floor. Three persons are live between V and U. Two persons are live between R and Q who lives below the R's floor. Q does not live on ground floor. There are four possibilities-

Floors	Case-1	Case-2	Case-3	Case-4
8	V	R	V	
7				R
6	R	V		V
5		Q	R	
4	U		U	Q
3	Q			
2		U	Q	U
1				

Three persons are live between P and T who lives above U's floor. The number of persons live below P is same as the number of persons live above S. From these conditions case-1 and 2 will be eliminated. W does not live below P's floor. From this condition case-3 also eliminated. The final arrangement is-

Floor	Persons
8	S
7	R
6	V
5	T
4	Q
3	W
2	U
1	P

S27. Ans.(d)
Sol. V lives on an even numbered floor above 4th floor. Three persons are live between V and U. Two persons are live between R and Q who lives below the R's floor. Q does not live on ground floor. There are four possibilities-

Floors	Case-1	Case-2	Case-3	Case-4
8	V	R	V	
7				R
6	R	V		V
5		Q	R	
4	U		U	Q
3	Q			
2		U	Q	U
1				

Three persons are live between P and T who lives above U's floor. The number of persons live below P is same as the number of persons live above S. From these conditions case-1 and 2 will be eliminated. W does not live below P's floor. From this condition case-3 also eliminated. The final arrangement is-

Floor	Persons
8	S
7	R
6	V
5	T
4	Q
3	W
2	U
1	P

S28. Ans.(a)
Sol. V lives on an even numbered floor above 4th floor. Three persons are live between V and U. Two persons are live between R and Q who lives below the R's floor. Q does not live on ground floor. There are four possibilities-

Floors	Case-1	Case-2	Case-3	Case-4
8	V	R	V	
7				R
6	R	V		V
5		Q	R	
4	U		U	Q
3	Q			
2		U	Q	U
1				

Three persons are live between P and T who lives above U's floor. The number of persons live below P is same as the number of persons live above S. From these conditions case-1 and 2 will be eliminated. W does not live below P's floor. From this condition case-3 also eliminated. The final arrangement is-

Floor	Persons
8	S
7	R
6	V
5	T
4	Q
3	W
2	U
1	P

S29. Ans.(b)

Sol. V lives on an even numbered floor above 4th floor. Three persons are live between V and U. Two persons are live between R and Q who lives below the R's floor. Q does not live on ground floor. There are four possibilities-

Floors	Case-1	Case-2	Case-3	Case-4
8	V	R	V	
7				R
6	R	V		V
5		Q	R	
4	U		U	Q
3	Q			
2		U	Q	U
1				

Three persons are live between P and T who lives above U's floor. The number of persons live below P is same as the number of persons live above S. From these conditions case-1 and 2 will be eliminated. W does not live below P's floor. From this condition case-3 also eliminated. The final arrangement is-

Floor	Persons
8	S
7	R
6	V
5	T
4	Q
3	W
2	U
1	P

S30. Ans.(e)

Sol. V lives on an even numbered floor above 4th floor. Three persons are live between V and U. Two persons are live between R and Q who lives below the R's floor. Q does not live on ground floor. There are four possibilities-

Floors	Case-1	Case-2	Case-3	Case-4
8	V	R	V	
7				R
6	R	V		V
5		Q	R	
4	U		U	Q
3	Q			
2		U	Q	U
1				

Three persons are live between P and T who lives above U's floor. The number of persons live below P is same as the number of persons live above S. From these conditions case-1 and 2 will be eliminated. W does not live below P's floor. From this condition case-3 also eliminated. The final arrangement is-

Floor	Persons
8	S
7	R
6	V
5	T
4	Q
3	W
2	U
1	P

S31. Ans.(b)
Sol.
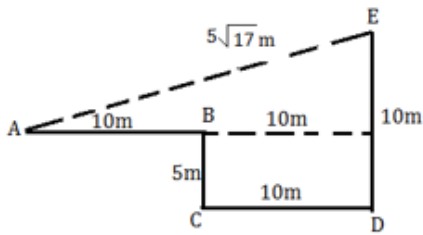
S32. Ans.(b)
Sol.
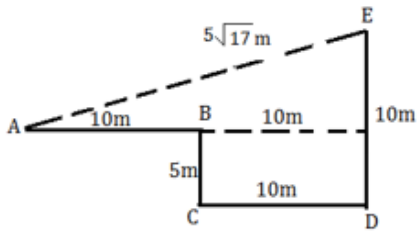
S33. Ans.(c)
Sol.
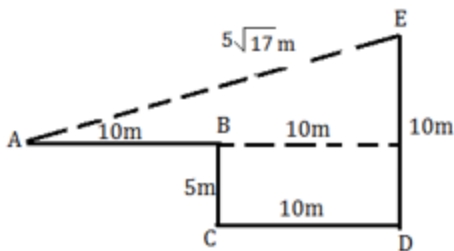
S34. Ans.(a)
Sol.

CAPABILITY

S35. Ans.(d)
Sol.

Word	Code
Slow/Camera	Dr/wq
Motion	Pq
Cricket	Eg
Ultra	Sa
Sensor	Vx
Review	Zh
Third/umpire	Rs/yt
Pending	ub

S36. Ans.(e)
Sol.

Word	Code
Slow/Camera	Dr/wq
Motion	Pq
Cricket	Eg
Ultra	Sa
Sensor	Vx
Review	Zh
Third/umpire	Rs/yt
Pending	ub

S37. Ans.(e)
Sol.

Word	Code
Slow/Camera	Dr/wq
Motion	Pq
Cricket	Eg
Ultra	Sa
Sensor	Vx
Review	Zh
Third/umpire	Rs/yt
Pending	ub

S38. Ans.(a)
Sol.

Word	Code
Slow/Camera	Dr/wq
Motion	Pq
Cricket	Eg
Ultra	Sa
Sensor	Vx
Review	Zh
Third/umpire	Rs/yt
Pending	ub

S39. Ans.(b)
Sol. G sits sixth right of D. Four persons sit between D and B who is not an immediate neighbor of G. F sits second to the left of H who is an immediate neighbor of G. There are two possibilities-

L sits exactly between G and M who sits second to the left of N. H sits fourth left of L. The number of persons sit between M and L is same as the number of persons sit between B and A who sits one of the extreme ends. The number of persons sit to the left of B is one more than the number of persons sit to the right of N. Not more than ten persons sit right of G. From these conditions case-2 will be eliminated and the final arrangement is-
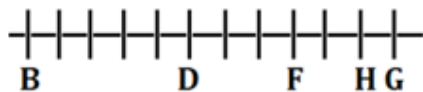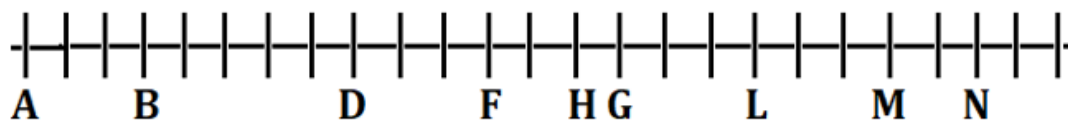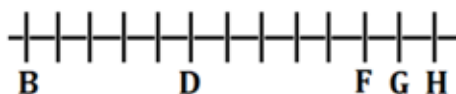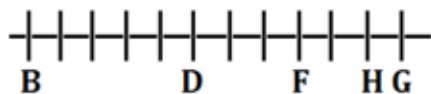
A   B   D   F H G   L   M N
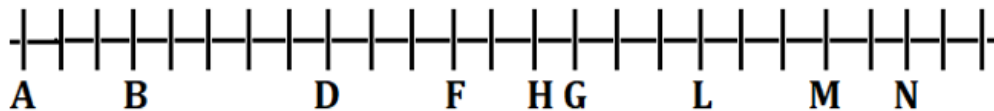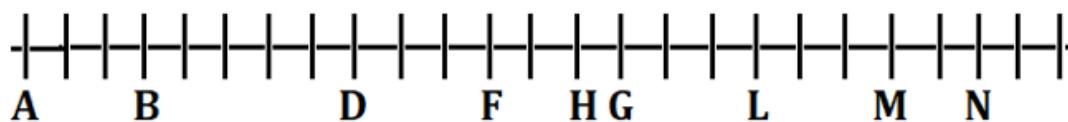
S40. Ans.(c)

Sol. G sits sixth right of D. Four persons sit between D and B who is not an immediate neighbor of G. F sits second to the left of H who is an immediate neighbor of G. There are two possibilities-

Case-1

B   D   F   H G

Case-2

B   D   F G H

L sits exactly between G and M who sits second to the left of N. H sits fourth left of L. The number of persons sit between M and L is same as the number of persons sit between B and A who sits one of the extreme ends. The number of persons sit to the left of B is one more than the number of persons sit to the right of N. Not more than ten persons sit right of G. From these conditions case-2 will be eliminated and the final arrangement is-
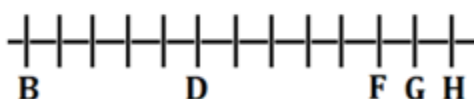

A   B   D   F H G   L   M N

S41. Ans.(d)

Sol. G sits sixth right of D. Four persons sit between D and B who is not an immediate neighbor of G. F sits second to the left of H who is an immediate neighbor of G. There are two possibilities-

Case-1

B   D   F   H G

Case-2

B   D   F G H

L sits exactly between G and M who sits second to the left of N. H sits fourth left of L. The number of persons sit between M and L is same as the number of persons sit between B and A who sits one of the extreme ends. The number of persons sit to the left of B is one more than the number of persons sit to the right of N. Not more than ten persons sit right of G. From these conditions case-2 will be eliminated and the final arrangement is-
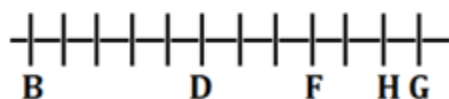

A   B   D   F H G   L   M N

S42. Ans.(a)

Sol. G sits sixth right of D. Four persons sit between D and B who is not an immediate neighbor of G. F sits second to the left of H who is an immediate neighbor of G. There are two possibilities-

Case-1

B   D   F   H G

Case-2

B   D   F G H

L sits exactly between G and M who sits second to the left of N. H sits fourth left of L. The number of persons sit between M and L is same as the number of persons sit between B and A who sits one of the extreme ends. The number of persons sit to the left of B is one more than the number of persons sit to the right of N. Not more than ten persons sit right of G. From these conditions case-2 will be eliminated and the final arrangement is-

A   B   D   F   H G   L   M   N
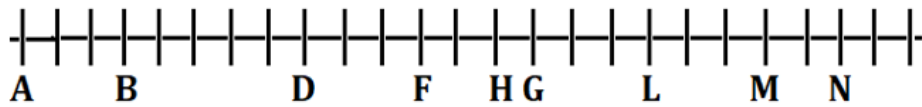
S43. Ans.(d)
Sol.
Given Number - 98235647
After applied given condition- 79313755

S44. Ans.(c)
Sol. I. N = M (False) II. N > M (False)

S45. Ans.(a)
Sol. I. Y > P (True) II. Z < W (False)
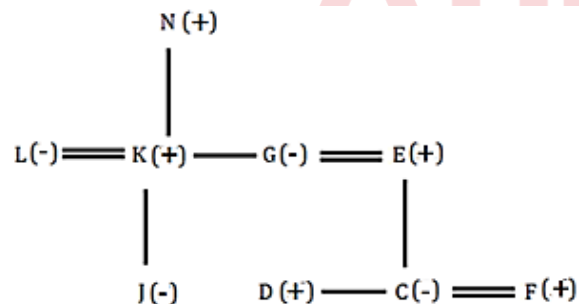
S46. Ans.(b)
Sol. I. B ≤ E (False) II. B < E (True)

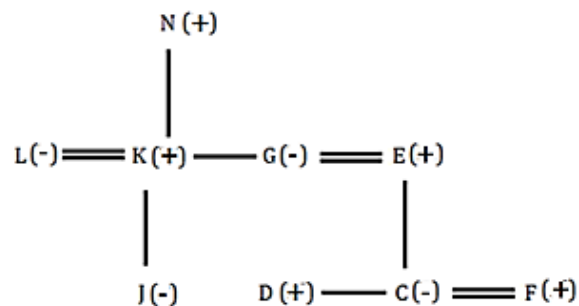## S47. Ans.(d)
Sol. I. F > B (False) II. A > D (False)

S48. Ans.(c)
Sol.

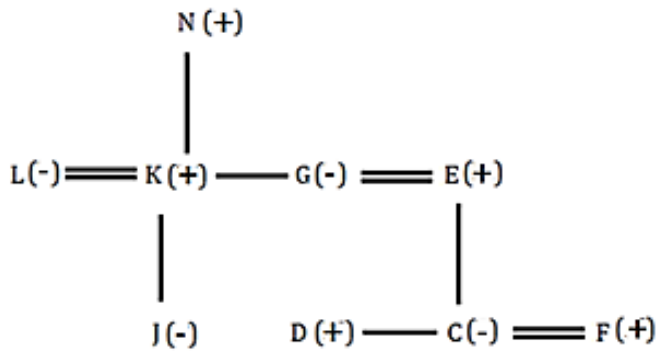## S49. Ans.(d)
Sol.

S50. Ans.(c)
Sol.

S51. Ans.(e)
Sol.
Let total boys in B = 5n
So, total girls in C = 8n
And, total boys in A = 114 −8n
Total boys in C = 5n + 16
Total girls in B = $\frac{125}{100} \times (5n + 16)$
Given, 5n + $\frac{5}{4} \times (5n + 16) = 110$
45n = 360
n = 8
Total girls in C = 64
Total girls in B = $\frac{5}{4} \times (5 \times 8 + 16) = 70$
And, total girls in A = 166 −(64 + 70) = 32
Total boy in B = 40
Total boys in C = 56
Total boys in A = 114 −64 = 50
Required difference = 64−40 = 24

S52. Ans.(a)
Sol.
Let total boys in B = 5n
So, total girls in C = 8n
And, total boys in A = 114 −8n
Total boys in C = 5n + 16
Total girls in B = $\frac{125}{100} \times (5n + 16)$
Given, 5n + $\frac{5}{4} \times (5n + 16) = 110$
45n = 360
n = 8
Total girls in C = 64
Total girls in B = $\frac{5}{4} \times (5 \times 8 + 16) = 70$

And, total girls in A = 166 −(64 + 70) = 32

Total boy in B = 40

Total boys in C = 56

Total boys in A = 114 −64 = 50

Required sum = (50 + 56 + 40) = 146

S53. Ans.(d)

Sol.

Let total boys in B = 5n

So, total girls in C = 8n

And, total boys in A = 114 −8n

Total boys in C = 5n + 16

Total girls in B = $\frac{125}{100}$ × (5n + 16)

Given, 5n + $\frac{5}{4}$ × (5n + 16) = 110

45n = 360

n = 8

Total girls in C = 64

Total girls in B = $\frac{5}{4}$ × (5 × 8 + 16) = 70

And, total girls in A = 166 −(64 + 70) = 32

Total boy in B = 40

Total boys in C = 56

Total boys in A = 114 −64 = 50

Required percentage = $\frac{70-40}{40}$ × 100 = 75%

S54. Ans.(b)

Sol.

ATQ − P × $\frac{4}{3}$ × $\frac{90}{100}$ = 720

P = 600 Rs.

S55. Ans.(e)

Sol.

Total age of P, Q and R = 23 × 3 = 69

Let age of P = x years

So, age of Q = 2x years

And age of R = 2x + 9 years

ATQ −

5x + 9 = 69

5x = 60

x = 12

Required ratio = 24 : 33 = 8 : 11

S56. Ans.(b)

Sol.

ATQ-

$$\frac{P \times 12}{(P+400) \times 4 + (0.5P+200) \times 8} = \frac{4}{3}$$

P = 3200 Rs.

S57. Ans.(b)

Sol.

Let total number of males in society = 4x

And, total number of males in society = 3x

$2 \times$ Total number of children $= \frac{(4x+3x)}{2}$

Total number of children $= \frac{7x}{4}$

ATQ –

$4x + 3x + \frac{7x}{4} = 70$

$\frac{35x}{4} = 70$

x = 8

So, total number of children in the society $= \frac{7 \times 8}{4} = 14$

S58. Ans.(c)

Sol.

Total amount man paid for rent $= X \times \frac{25}{100} = \frac{X}{4} Rs.$

Total amount man spends for grocery = 2500 Rs.

ATQ –

$\frac{X}{4}$ - 2500 = 6500

X = 36000 Rs.

S59. Ans.(a)

Sol.

ATQ,

$\frac{X \times 12 \times 3}{100} = 14400$

$X = 40,000$

Now, required interest $= \left((40,000 + 10,000) \times \left(1 + \frac{20}{100}\right)^2\right) - (40,000 + 10,000)$

$= 72000 - 50000$

$= Rs. 22000$

S60. Ans.(b)
Sol.

Here, the vessel is full of 45 litre milk

9 litre milk is replaced by 9 litre water and this process is repeated one more time

Required quantity $= 45\left(1 - \frac{9}{45}\right)^2$

$= 45\left(1 - \frac{1}{5}\right)^2$

$= 45\left(\frac{4}{5}\right)^2$

$= \frac{45 \times 16}{25}$

$= 28.8$ litre

S61. Ans.(b)
Sol.

Total number of unsold staplers and total number of unsold calculators in January

$= 72 \times \frac{84}{16} + 112 \times \frac{60}{40}$

$= 378 + 168 = 546$

S62. Ans.(c)
Sol.

Total medium staplers sold in February $= 64 \times \frac{7}{(5+7+4)} = 28$

Required ratio $= 28 : 76 = 7 : 19$

S63. Ans.(b)
Sol.

Required average $= \frac{(72+64+88+120)}{4} = 86$

S64. Ans.(b)
Sol.

Total staplers sold by shop in May $= 120 \times \frac{120}{100} = 144$

Total calculators sold by shop in May $= 80 \times \frac{11}{8} = 110$

Required difference $= 144 - 110 = 34$

S65. Ans.(c)
Sol. Total staplers & calculators sold by shop in February $= 64 + 68 = 132$

Total staplers & calculators sold by shop in April $= 80 + 120 = 200$

Required difference $= 200 - 132 = 68$

S66. Ans.(a)
Sol.

Let speed of Manoj & Shreya be x & y kmph respectively

Let Manoj covers D km in t hours

ATQ, $x = \frac{D}{t}$ kmph

$y = \frac{2D}{\frac{t}{2}} = \frac{4D}{t}$ kmph

$x : y = 1 : 4$ or $a : 4a$

Since distance travelled by both will be same (Shreya catches him)

Let time taken by Shreya to cover 20/3 km be k hours

$x\left(k + \frac{30}{60}\right) = yk$

$ak + \frac{a}{2} = 4ak$

$k = \frac{1}{6}$ hours $= 10$ min

Speed of Shreya $= \frac{20}{3} \times 6 = 40$ kmph

S67. Ans.(b)
Sol.

Let breadth of the rectangle be '2b' meter

and length of the rectangle $= 2b \times \frac{150}{100} = 3b$ meter

ATQ.

$2b \times 3b = 486$

$b \times b = 81$

$b = 9$

Breadth of the rectangle $= 2b = 18$ meter

Length of the rectangle $= 3b = 27$ meter

Cost of fencing $= 2 \times (18 + 27) \times 11 = Rs. 990$

S68. Ans.(a)
Sol.

Pattern of series –

$60 + (23 \times 1) = 83$

$83 + (23 \times 2) = 129$

$129 + (23 \times 3) = 198$

$? = 198 + (23 \times 4) = \textbf{290}$

$290 + (23 \times 5) = 405$

S69. Ans.(e)
Sol.

Pattern of series –

$235 - 39 = 196$

$196 - 41 = 155$

$155 - 43 = 112$

$112 - 45 = 67$

$? = 67 - 47 = \textbf{20}$

S70. Ans.(b)
Sol.
Pattern of series –
17,   38,   70,   124,   211,   ?= **342**
  +21   +32   +54   +87   +131
      +11   +22   +33   +44

S71. Ans.(d)
Sol.
Pattern of series –
$11 \times 1 - 1 = 10$
$10 \times 2 - 1 = 19$
$19 \times 3 - 1 = 56$
$? = 56 \times 4 - 1 = \mathbf{223}$
$223 \times 5 - 1 = 1114$

S72. Ans.(b)
Sol.
$? = \frac{2975}{1190}$

$? = 2.5$

S73. Ans.(b)
Sol.
$\frac{25 \div 4 \times 6}{3} = ?$
$? = 12.5$

S74. Ans.(c)
Sol.
$(390 + 310 - 225)\, 4 = ?$
$(700 - 225)\, 4 = ?$
$475 \times 4 = ?$
$? = 1900$

S75. Ans.(e)
Sol.
$9 \times 25 + 1225 + 150 = (?)^2$
$225 + 1225 + 150 = (?)^2$
$? = \sqrt{1600}$
$? = 40$

S76. Ans.(a)
Sol. As per the 2011 Census, Nagaland has recorded a decrease in its population.
• Nagaland is the only Indian state which has a negative growth rate of -0.58% in the census 2011.

S77. Ans.(b)
Sol. 23-year-old Divita Rai from Karnataka has won the prestigious title of Miss Diva Universe 2022.

S78. Ans.(e)
Sol. The 2022 ICC Men's T20 World Cup was the eighth ICC Men's T20 World Cup tournament. It was played in Australia from 16 October to 13 November 2022.
• In the final, England beat Pakistan by five wickets to win their second ICC Men's T20 World Cup title.

S79. Ans.(b)
Sol. India has emerged as the largest producer and consumer of sugar in the world and the second largest exporter.
• Brazil Ranks First in the World.

S80. Ans.(d)
Sol. From the given options, Nylon is not Natural Fiber. It is a Synthetic or Man–made Fibre. Nylon is very lustrous, easy to wash, and elastic.

S81. Ans.(b)
Sol. On 8 November 2016, the Government of India announced the demonetization of all ₹500 and ₹1,000 banknotes of the Mahatma Gandhi Series.
• Government of India also announced the issuance of new ₹500 and ₹2,000 banknotes in exchange for the demonetized banknotes.

S82. Ans.(e)
Sol. National Dairy Plan Phase I (NDP-I) a Central Sector Scheme (CSS) with an outlay of Rs. 2242 Crore was implemented from March 2012 to Nov 2019 across 18 major dairying states including Gujarat which together account for over 90% of the country's milk production.

S83. Ans.(b)
Sol. Every year, World Water Day is celebrated on 22nd March to highlight the importance of water. The theme of World Water Day 2022 was - Groundwater: making the invisible visible.

S84. Ans.(b)
Sol. Indian classical dance or Shastriya Devesh is an umbrella term for various performance arts rooted in Hindu musical theatre styles.
• The Sangeet Natak Academy and the Ministry of Culture recognize eight Classical Dances: Bharatanatyam, Kathak, Kuchipudi, Odissi, Kathakali, Sattriya, Manipuri and Mohiniyattam.
• Ministry of Culture also recognizes Chhau dance, also spelled Chhou dance. It is a semi-classical Indian dance with martial and folk traditions.

S85. Ans.(b)
Sol. The results of the 2011 census revealed that there has been an increase in literacy in the country. The literacy rate in the country, as per 2011 census data, is 74.04 per cent, 82.14 for males and 65.46 for females.
• For the purpose of census 2011, a person aged seven and above, who can both read and write with understanding in any language, is treated as literate.

S86. Ans.(b)
Sol. The Bhakra Nangal Dam is the largest dam in India having a height of 225 metres and also the second largest dams in all over Asia. It is located in the state of Himachal Pradesh and Punjab. It is situated on the river Sutlej.
• Tehri dam on the Bhagirathi River in Uttarakhand is also considered the largest in India.

S87. Ans.(a)
Sol. Agriculture was the main occupation of the Indus Valley people. Crops such as wheat, barley, peas, and bananas were raised.

S88. Ans.(c)
Sol. Ramcharitmanas is an epic poem in the Awadhi language, based on the Ramayana, and composed by the 16th-century Indian bhakti poet Tulsidas.
• The word Ramcharitmanas literally means "Lake of the deeds of Rama".

S89. Ans.(a)
Sol. The Pradhan Mantri Vaya Vandana Yojana was launched by the Government on 4th May 2017. This is a government pension scheme with an aim to provide social security to senior citizens.

S90. Ans.(a)
Sol. The tiger is the largest living cat species and a member of the genus Panthera.
• Tiger is considered National animal of India. The scientific name of Tiger is Panthera Tigris.
• India currently hosts the largest tiger population in the world.

S91. Ans.(e)
Sol. The Sufi movement was a socio-religious movement of fourteenth to sixteenth century. The exponents of this movement were unorthodox Muslim saints who had a deep study of vedantic philosophy and Buddhism of India.
• There were some leading Sufi saints like Khwaja Muinuddin Chisti, Fariuddin Ganj-i-Shakar, Nizam-ud-din Auliya etc.

S92. Ans.(a)
Sol. Hampi also referred to as the Group of Monuments at Hampi, is a UNESCO World Heritage Site located in Hampi town, Vijayanagara district of Karnataka.
• Hampi was the capital of the Vijayanagara Empire in the 14th century.
• Hampi was a prosperous, wealthy and grand city near the Tungabhadra River.

S93. Ans.(d)
Sol. Rajasthan is the largest Indian state by area and the seventh largest by population.
• It covers 342,239 square kilometres or 10.4 per cent of India's total geographical area.

S94. Ans.(e)
Sol. From the given options, Kailash Satyarthi is not an Economist.
• Kailash Satyarthi is an Indian social reformer who campaigned against child labor in India and advocated the universal right to education.
• In 2014, he was the co-recipient of the Nobel Peace Prize, along with Malala Yousafzai, "for their struggle against the suppression of children and young people and for the right of all children to education."

S95. Ans.(d)
Sol. From the given options, Ascorbic acid is Not found in Pomegranates.
• Citric acid is found in Pomegranates and other Citrus fruits.

S96. Ans.(a)
Sol. Limewater is the common name for a saturated aqueous solution of calcium hydroxide.
• Calcium hydroxide (traditionally called slaked lime) is an inorganic compound with the chemical formula $Ca(OH)_2$.

S97. Ans.(d)
Sol. Conductor is an object or type of material that allows the flow of charge (electric current) in one or more directions.
• The resistance of a given conductor depends on the material it is made of, and on its dimensions. For a given material, the resistance is inversely proportional to the cross-sectional area.

S98. Ans.(b)
Sol. Gir Forest National Park is a wildlife sanctuary, located in Gujarat. It was established to protect Asiatic lions.
• It was established in 1965 in the erstwhile Nawab of Junagarh's private hunting area, with a total area of $1,410.30 \text{ km}^2$.

S99. Ans.(e)
Sol. The Krishna River is a river in the Deccan plateau and is the third-longest river in India, after the Ganges and Godavari.
• It flows through the Indian states of Maharashtra, Karnataka, Telangana and Andhra Pradesh and is a major source of irrigation in these states.

S100. Ans.(a)
Sol. Mughal Emperor Shahjahan was the Successor of Jahangir.
• Shahjahan was the fifth emperor of the Mughal Empire, reigning from January 1628 until July 1658.
• Under his emperorship, the Mughals reached the peak of their architectural achievements and cultural glory.