

**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 over 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 Philosopher (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): Study the following information carefully and answer the questions given below:**

Eight persons are living in eight floors of a building. Ground floor is numbered as 1 and topmost floor is numbered as 8.

V lives on an even numbered floor above 4<sup>th</sup> 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. 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. W does not live below P’s floor.

**Q26. Who among the following lives immediate above R’s floor?**

- (a) P
- (b) W
- (c) S
- (d) T
- (e) None of these

**Q27. Who among the following lives on 5<sup>th</sup> floor?**

- (a) W
- (b) V
- (c) S
- (d) T
- (e) None of these

**Q28. How many persons are living between the floors on which V and P lives?**

- (a) More than three
- (b) Two
- (c) One
- (d) Three
- (e) No one

**Q29. The number of persons live between R and W is same as the number of persons live between \_\_\_\_ and \_\_\_\_.**

- (a) S, T



- (b) V, U
- (c) P, V
- (d) Q, R
- (e) None of these

**Q30. Which of the following statement is true about W?**

- (a) W lives immediate below T
- (b) W lives on an even numbered floor
- (c) Only two persons live between W and R
- (d) W lives immediate above P
- (e) None is true

**Directions (31-33): Study the information carefully and answer the questions given below.**

A person starts his journey from point A. He walks 10m towards the east direction and reaches at point B. Now, turning to the right, he walks 5m to reach point C and then he takes a left turn and walk 10m to reach point D. From point D, he walks 10m in the north direction and reaches at point E.

**Q31. What is the direction of A with respect to the point which is 5m north of D?**

- (a) Northwest
- (b) West
- (c) Northeast
- (d) East
- (e) None of these

**Q32. Find the shortest distance between point E and A?**

- (a)  $17\sqrt{5}$ m
- (b)  $5\sqrt{17}$ m
- (c)  $\sqrt{423}$ m
- (d)  $\sqrt{426}$ m
- (e) None of these

**Q33. What is the direction of E with respect to C?**

- (a) Northwest
- (b) Southwest
- (c) Northeast
- (d) Southeast
- (e) None of these

**Q34. How many such pairs of letters are there in the meaningful word 'CAPABILITY' each of which has as many letters between them in the word as in the English alphabet (From both backward and forward)?**

- (a) Two
- (b) One
- (c) More than three
- (d) Three
- (e) None of these

**Directions (35-38): Study the alphanumeric series carefully and answer the questions given below:  
In a certain code language:**

“Slow motion cricket camera” is coded as “wq dr eg pq”

“Ultra motion sensor review” is coded as “sa pq vx zh”

“Third umpire review pending” is coded as “yt rs ub zh”

“Cricket review ultra pending” is coded as “eg zh sa ub”

**Q35. What is the code for “Sensor” in the given code language?**

- (a) sa
- (b) pq
- (c) zh
- (d) vx
- (e) None of these

**Q36. The code “rs” is code for which of the following word?**

- (a) Third
- (b) Review
- (c) Umpire
- (d) Pending
- (e) Can't be determined

**Q37. What may be the code “Third review” in the given code language?**

- (a) zh rs
- (b) vx yt
- (c) Either (a) or (b)
- (d) yt zh
- (e) Either (a) or (d)

**Q38. If “slow network” is coded as “tw dr” then what is the code for “Camera”?**

- (a) wq
- (b) eg
- (c) vx
- (d) dr
- (e) pq

**Directions (39-42): Study the following information carefully and answer the questions given below:**

A certain number of persons sit in a row. All of them are facing north. 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. The number of persons sit to the left of B is one more than the number of persons sit to the right of N. L sits exactly between G and M who sits second to the left of N. 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. H sits fourth left of L. Not more than ten persons sit right of G.

**Q39. How many persons sit between D and F?**

- (a) One
- (b) Two

- (c) Four
- (d) Six
- (e) None of these

**Q40. Who among the following sits fifth right of L?**

- (a) G
- (b) D
- (c) N
- (d) F
- (e) None of these

**Q41. If O sits exactly between A and D, then what is the position of O with respect to B?**

- (a) Second to the left
- (b) Second to the right
- (c) Immediate left
- (d) Immediate right
- (e) None of these

**Q42. How many persons sit in the row?**

- (a) 25
- (b) 23
- (c) 18
- (d) 22
- (e) None of these

**Q43. If in the number '98235647', 1 is added to each even digit and 2 is subtracted from each odd digit, then how many digits appear twice after applied given condition?**

- (a) None
- (b) One
- (c) Two
- (d) Three
- (e) None of these

**Directions (44-47): In these questions, relationship between different elements is shown in the statements. These statements are followed by two conclusions.**

**Give answer**

**Q44.**

**Statements:**  $N \geq J = M = O > R < B < S$

**Conclusions:**

I.  $N = M$

II.  $N > M$

- (a) If only conclusion I follows.
- (b) If only conclusion II follows.
- (c) If either conclusion I or II follows.
- (d) If neither conclusion I nor II follows.
- (e) If both conclusion I and II follow.

**Q45.**

**Statements:**  $W \leq Y > Z = X > P > J$

**Conclusions:**

I.  $Y > P$

II.  $Z < W$

- (a) If only conclusion I follows.
- (b) If only conclusion II follows.
- (c) If either conclusion I or II follows.
- (d) If neither conclusion I nor II follows.
- (e) If both conclusion I and II follow.

**Q46.**

**Statements:**  $A < B < C \leq D = E$

**Conclusions:**

I.  $B \leq E$

II.  $B < E$

- (a) If only conclusion I follows.
- (b) If only conclusion II follows.
- (c) If either conclusion I or II follows.
- (d) If neither conclusion I nor II follows.
- (e) If both conclusion I and II follow.

**Q47.**

**Statements:**  $A \geq B \leq C < D > F$

**Conclusions:**

I.  $F > B$

II.  $A > D$

- (a) If only conclusion I follows.
- (b) If only conclusion II follows.
- (c) If either conclusion I or II follows.
- (d) If neither conclusion I nor II follows.
- (e) If both conclusion I and II follow.

**Directions (48-50): Study the following information carefully and answer the given questions:**

There are nine family members in a family. J is the daughter of K. E is the father of C who is married to F. N is the father of K. G is married to E. G is the sister of K. L is the mother of J. D is the only son of G.

**Q48. Who among the following is the brother-in-law of D?**

- (a) K
- (b) L
- (c) F
- (d) J
- (e) None of these

**Q49. How C is related to J?**

- (a) Mother
- (b) Father
- (c) Brother
- (d) Cousin
- (e) None of these

**Q50. Who among the following is the uncle of D?**

- (a) F
- (b) N
- (c) K
- (d) E
- (e) None of these

**Directions (51-53): Data given about total number of girls and boys in three (A, B and C) different schools. Read the given data carefully and answer the questions.**

The ratio of total boys in B to total girls in C is 5 : 8 and the sum of total boys in A & total girls in C is 114. Total boys in C are 16 more than that of in B and total number of girls in B are 25% more than total number of boys in C. Total students (boys + girls) in B is 110 and total number of girls in all three schools are 166.

**Q51. Find the difference between total girls in C and total boys in B.**

- (a) 16
- (b) 8
- (c) 22
- (d) 14
- (e) 24

**Q52. Find total number of boys in all three schools.**

- (a) 146
- (b) 152
- (c) 162
- (d) 176
- (e) 182

**Q53. Total girls in B are what percent more than total boys in same school?**

- (a) 45%
- (b) 25%
- (c) 55%
- (d) 75%
- (e) 80%

**Q54. A man purchased an article at Rs. P and marked it a  $\frac{100}{3}$ % above cost price. If man allowed a discount of 10% and sold the article at Rs. 720, then find the value of P (in Rs.).**

- (a) 540
- (b) 600
- (c) 500
- (d) 480
- (e) 680

**Q55. The average age of P, Q and R is 23 years. Q age is two times of P and R is nine years older than Q. Find the ratio of present age of Q to that of R.**

- (a) 5 : 6
- (b) 8 : 13
- (c) 8 : 9
- (d) 4 : 5
- (e) 8 : 11

**Q56. A and B started a business with investment of Rs. P and Rs. (P+400) respectively. After four months, B withdrew half of his investment. At the end of a year, the ratio of profit share of A to that of B is 4 : 3. Find P (in Rs.).**

- (a) 4400
- (b) 3200
- (c) 2800
- (d) 3600
- (e) 4000

**Q57. In a society, there are total male, female and children are 70. If the ratio of male to female in the society is 4 : 3 and the average of total male & female is two times of the total number of children in the society, then find total number of children in the society.**

- (a) 12
- (b) 14
- (c) 16
- (d) 18
- (e) 22

**Q58. The monthly income of a man is Rs. X and he paid 25% of his income for rent. Out of the remaining, he spends Rs. 2500 for grocery and remaining he saves. If the difference between the amount paid for grocery and rent is Rs.6500, then find the value of X (in Rs.).**

- (a) 18000
- (b) 24000
- (c) 36000
- (d) 90000
- (e) 72000

**Q59. A man invested Rs. X in a scheme on simple interest at the rate of 12 p.a. for three years and received Rs.14400 as interest. If man invested Rs. (X+10000) on compound interest at the rate of 20% p.a. for 2 years, then find total interest received by man.**

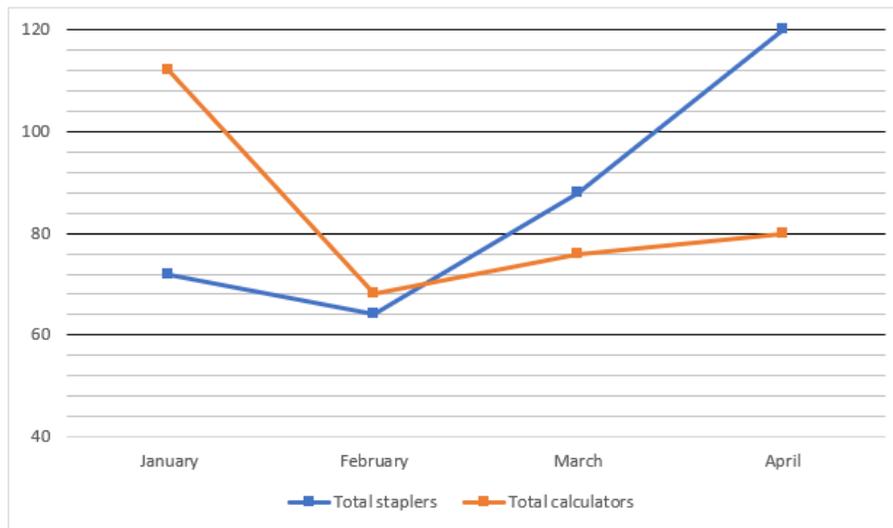
- (a) Rs.22000
- (b) Rs.24000
- (c) Rs.25000
- (d) Rs.30000
- (e) Rs.18000



**Q60.** A vessel contains 45 liters pure milk and 9 liters milk is taken out and completely replaced with water. Again 9 liters mixture is taken out and completely replaced with water. Find the quantity of milk left in the final mixture?

- (a) 32.4 litre
- (b) 28.8 litre
- (c) 24 litre
- (d) 33.6 litre
- (e) None of these

**Directions (61-65):** The line graph given below shows total number of staplers and calculators sold by a shop in four different months.



**Q61.** In January, 16% of total staplers sold and 40% of total calculators sold. Find total number of unsold staplers and total number of unsold calculators in January.

- (a) 516
- (b) 546
- (c) 526
- (d) 536
- (e) 556

**Q62.** If the ratio of total small, medium and large size staplers sold in February is 5 : 7 : 4 respectively, then find the ratio of total medium staplers sold in February to total calculators sold in March.

- (a) 14 : 41
- (b) 14 : 37
- (c) 7 : 19
- (d) 16 : 39
- (e) 14 : 33

**Q63.** Find the average number of staplers sold in all four given months.

- (a) 76
- (b) 86

- (c) 96
- (d) 88
- (e) 82

**Q64. In May, total staplers sold by shop is 20% more than previous month and total calculators sold by shop is 37.5% more than previous month. Find the difference between total staplers and total calculators sold by shop in May.**

- (a) 24
- (b) 34
- (c) 44
- (d) 32
- (e) 26

**Q65. Find the difference between total staplers & calculators sold by shop in February and total staplers & calculators sold by shop in April.**

- (a) 48
- (b) 58
- (c) 68
- (d) 78
- (e) 66

**Q66. Manoj takes twice the time to cover a distance 'D' km than time taken by Shreya to cover 2D km. Manoj started from his home and after 30 min, Shreya started from his house but she catches him after travelling for  $20/3$  km. Find speed of Shreya. (Speed is considered in kmph)**

- (a) 40 kmph
- (b) 13.33 kmph
- (c) 28.5 kmph
- (d) 17.77 kmph
- (e) None of these

**Q67. If the cost of fencing is Rs.11 per meter and length of a rectangular field is 50% more than the breadth of the field, then what will be total cost of fencing the rectangular field, which area is 486 sq. m.**

- (a) Rs.1100
- (b) Rs.990
- (c) Rs.880
- (d) Rs.770
- (e) Rs.660

**Directions (68-71): What will come in the place of question (?) mark in following number series.**

**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):** What value should come in place of (?) in the following questions?

**Q72.**

$$(1250 + 1725) \div (825 + 365) = ?$$

- (a) 1.5
- (b) 2.5
- (c) 1
- (d) 2.25
- (e) 2.75

**Q73.**

$$\sqrt{625} \div \sqrt{16} \times 6 = ?\% \text{ of } 300$$

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

**Q74.**

$$26 \times 15 + 310 - (15)^2 = 25\% \text{ of } ?$$

- (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. Which among the following states has experienced a decline in population during the 2011 Census?**

- (a) Nagaland
- (b) Manipur
- (c) Tripura
- (d) Arunachal Pradesh
- (e) Sikkim

**Q77. Who has won the prestigious title of Miss Diva Universe 2022?**

- (a) Aarya Walvekar
- (b) Divita Rai
- (c) Dia Mirza
- (d) Pallavi Singh
- (e) None of these

**Q78. The 2022 ICC Men's T20 World Cup was the eighth ICC Men's T20 World Cup tournament. It was organized in \_\_\_\_\_.**

- (a) England
- (b) South Africa
- (c) New Zealand
- (d) Bangladesh
- (e) Australia

**Q79. India has emerged as the largest producer and consumer of sugar in the world. What is the Rank of India as a Sugar Exporting Nation?**

- (a) 1<sup>st</sup>
- (b) 2<sup>nd</sup>
- (c) 3<sup>rd</sup>
- (d) 4<sup>th</sup>
- (e) 5<sup>th</sup>

**Q80. Which among the following is not a Natural Fiber?**

- (a) Cotton
- (b) Jute
- (c) Flax
- (d) Nylon
- (e) Hemp



**Q81. The Government of India announced the demonetization of all ₹500 and ₹1,000 banknotes of the Mahatma Gandhi Series. The demonetization was announced on \_\_\_\_\_.**

- (a) 8 November 2015
- (b) 8 November 2016
- (c) 16 November 2016
- (d) 18 November 2016
- (e) 8 November 2017

**Q82. National Dairy Plan (NDP-I), referred to as 'Mission Milk' was implemented during \_\_\_\_\_.**

- (a) 1965 - 1970
- (b) 1999 - 2005
- (c) 2003 - 2009
- (d) 2007 - 2012
- (e) 2012 - 2019

**Q83. Every year, World Water Day is celebrated on 22nd March to highlight the importance of water. What was the theme of World Water Day 2022?**

- (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. How many Classical dances are there in India?**

- (a) 6
- (b) 8
- (c) 9
- (d) 12
- (e) 5

**Q85. As per the Data shown by the 2011 Census Data, the Literacy of the male population in India is \_\_\_\_\_.**

- (a) 74.04%
- (b) 82.14%
- (c) 86.14%
- (d) 65.46%
- (e) None of these

**Q86. Which among the following is the largest Dam in India?**

- (a) Bhakra Dam
- (b) Lakhwar Dam
- (c) Tehri Dam
- (d) Sardar Sarovar Dam
- (e) Srisaillam Dam

**Q87. The main occupation of the people of the Indus Valley Civilization was.....**

- (a) Agriculture
- (b) Hunting
- (c) Trade
- (d) Fishing
- (e) None of these

**Q88. Ramcharitmanas is an epic poem in the \_\_\_\_\_ language, based on the Ramayana, and composed by the 16th-century Indian bhakti poet Tulsidas.**

- (a) Sanskrit
- (b) Prakrit
- (c) Awadhi
- (d) Hindi
- (e) None of these

**Q89. The Pradhan Mantri Vaya Vandana Yojana was launched by the Government on**

- (a) 4th May 2017
- (b) 9th May 2017
- (c) 5th May 2015
- (d) 4th May 2016
- (e) 6th May 2019

**Q90. Tiger is the National Animal of India. What is the scientific name of Tiger?**

- (a) Panthera tigris
- (b) Felis catus
- (c) Felis tigris
- (d) Felidae
- (e) None of these

**Q91. Who among the following was/were a Sufi Saint during the Medieval Period?**

- (a) Khwaja Muinuddin Chisti
- (b) Shaikh Nizamuddin Auliya
- (c) Fariuddin Ganj-i-Shakar
- (d) Only (a) & (c)
- (e) Both (a), (b) &(c)

**Q92. Hampi also referred to as the Group of Monuments at Hampi, is a UNESCO World Heritage Site located in Hampi town, Vijayanagara district of \_\_\_\_\_.**

- (a) Karnataka
- (b) Tamilnadu
- (c) Telangana
- (d) Gujarat
- (e) None of these

**Q93. Which among the following is the largest state of India in terms of Area?**

- (a) Maharashtra
- (b) Karnataka
- (c) Uttar Pradesh
- (d) Rajasthan
- (e) Madhya Pradesh

**Q94. Who among the following is not an Economist?**

- (a) Adam Smith
- (b) J.M. Keynes
- (c) Amartya Sen
- (d) Manmohan Singh
- (e) Kailash Satyarthi

**Q95. Ascorbic acid is Not found in which of the following fruits or vegetables?**

- (a) Citrus fruits
- (b) Berries
- (c) Green leafy vegetables
- (d) Pomegranates
- (e) Tomatoes

**Q96. Which among the following is the common name for a saturated aqueous solution of calcium hydroxide?**

- (a) Limewater
- (b) Aqua regia
- (c) Club soda
- (d) Limestone
- (e) Mohr's salt

**Q97. The resistance of a given conductor depends on**

- (a) the material it is made of
- (b) its dimensions
- (c) Only (a)
- (d) Both (a) & (b)
- (e) None of these

**Q98. Where is the Gir Forest National Park located?**

- (a) West Bengal
- (b) Gujarat
- (c) Madhya Pradesh
- (d) Odisha
- (e) None of these

**Q99. Krishna River flows through which of the following states?**

- (a) Maharashtra
- (b) Karnataka
- (c) Telangana
- (d) Andhra Pradesh
- (e) All of the Above

**Q100. Mughal Emperor Shahjahan was the Successor of**

- (a) Akbar
- (b) Jahangir
- (c) Alamgir I
- (d) Aurangzeb
- (e) None of these



### 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 1<sup>st</sup> statement because it introduces the topic of discussion which is the impact of financial globalization on 'migrant capital'

**B** is the 2<sup>nd</sup> statement. As the use of 'while' indicates 'contrast', here also we can see this (in relation to 1<sup>st</sup> 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 1<sup>st</sup> statement because it introduces the topic of discussion which is the impact of financial globalization on 'migrant capital'

**B** is the 2<sup>nd</sup> statement. As the use of 'while' indicates 'contrast', here also we can see this (in relation to 1<sup>st</sup> 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 1<sup>st</sup> statement because it introduces the topic of discussion which is the impact of financial globalization on 'migrant capital'

**B** is the 2<sup>nd</sup> statement. As the use of 'while' indicates 'contrast', here also we can see this (in relation to 1<sup>st</sup> 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.  
Dispise 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)**

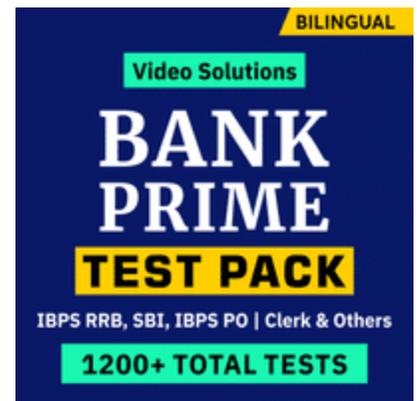
**Sol.** The correct rearrangement of the parts of statement will be “BDCA” which will make a grammatically correct and contextually meaningful statement. Hence, option (a) is the most suitable answer choice. The correct statement thus formed will be:

“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 be “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 4<sup>th</sup> 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 4<sup>th</sup> 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 4<sup>th</sup> 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 4<sup>th</sup> 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 4<sup>th</sup> 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-

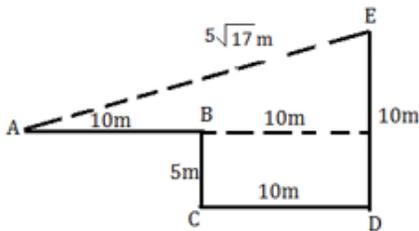
Floors	Case-1	Case-2	Case-3	Case-4
8	V	R	V	
7				R
6	R	V		V
5		Q	R	
4	U		U	Q
3	Q			
2		U	Q	U
1				

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

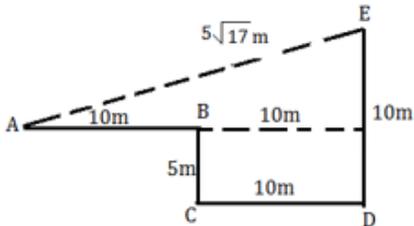
S31. Ans.(b)

Sol.



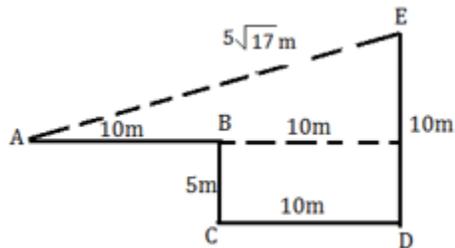
S32. Ans.(b)

Sol.



S33. Ans.(c)

Sol.



S34. Ans.(a)

Sol.

**CAPABILITY**



TEST SERIES

BILINGUAL

**FCI**  
**STENO GRADE II**  
**Phase-II Paper-III**

30+ TOTAL TESTS

**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.**

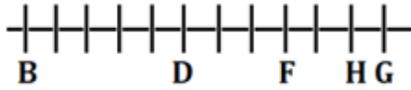
Word	Code
Slow/Camera	Dr/wq
Motion	Pq
Cricket	Eg
Ultra	Sa
Sensor	Vx
Review	Zh
Third/umpire	Rs/yt
Pending	ub



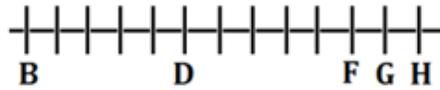
**S39. Ans.(b)**

**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-

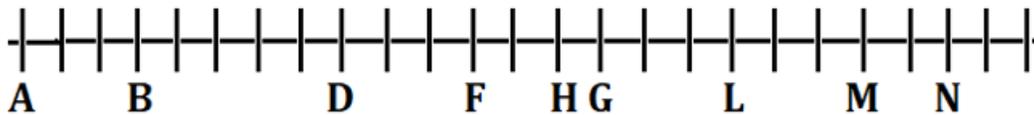
**Case-1**



**Case-2**



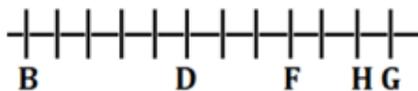
L sits exactly between G and M who sits second to the left of N. H sits fourth left of L. The number of persons sit between M and L is same as the number of persons sit between B and A who sits one of the extreme ends. The number of persons sit to the left of B is one more than the number of persons 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-



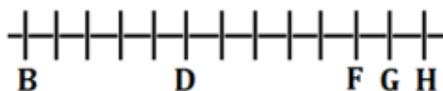
**S40. Ans.(c)**

**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-

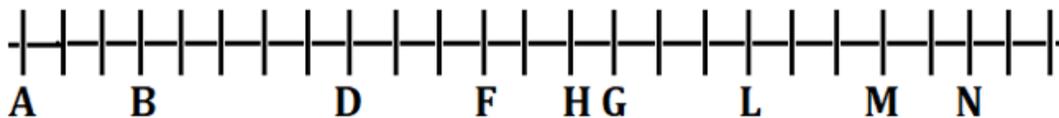
**Case-1**



**Case-2**



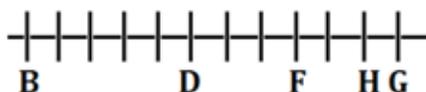
L sits exactly between G and M who sits second to the left of N. H sits fourth left of L. The number of persons sit between M and L is same as the number of persons sit between B and A who sits one of the extreme ends. The number of persons sit to the left of B is one more than the number of persons 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-



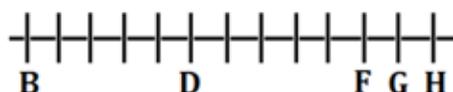
**S41. Ans.(d)**

**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-

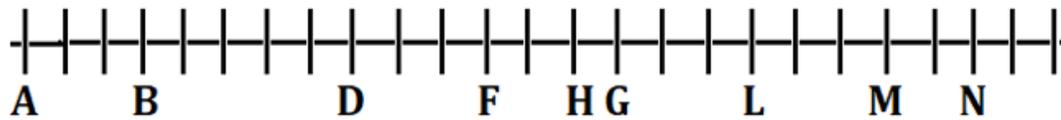
**Case-1**



**Case-2**



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-

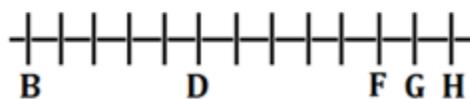
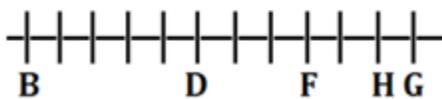


**S42. Ans.(a)**

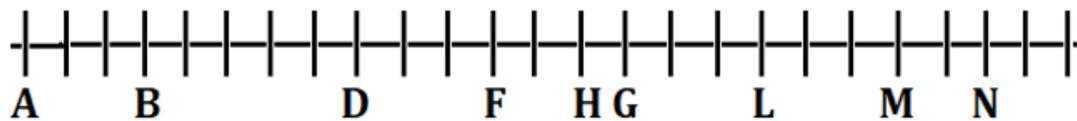
**Sol.** G sits sixth right of D. Four persons sit between D and B who is not an immediate neighbor of G. F sits second to the left of H who is an immediate neighbor of G. There are two possibilities-

**Case-1**

**Case-2**



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-



**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.  $B \leq E$  (False)    II.  $B < E$  (True)

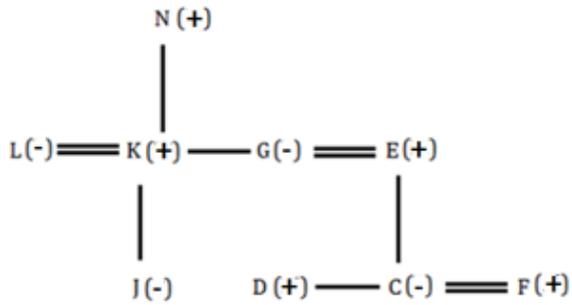
**S47. Ans.(d)**

**Sol.** I.  $F > B$  (False)    II.  $A > D$  (False)



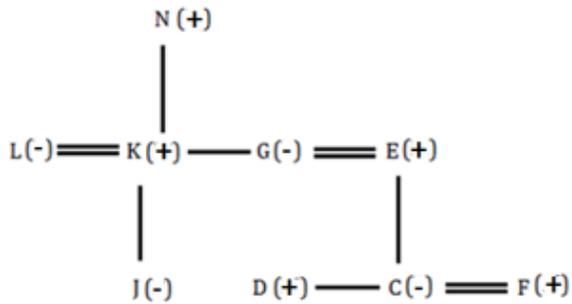
S48. Ans.(c)

Sol.



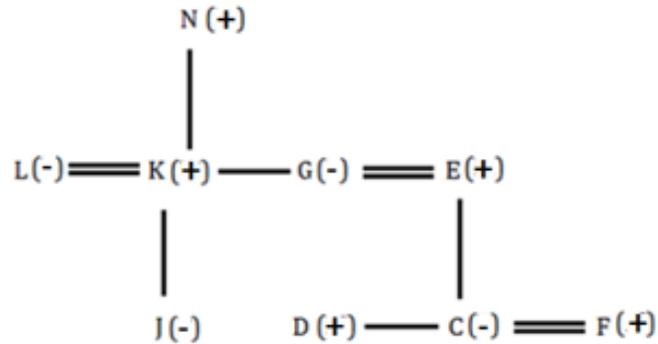
S49. Ans.(d)

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 =  $\frac{125}{100} \times (5n + 16)$

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 =  $114 - 64 = 50$

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

**S54. Ans.(b)**

**Sol.**

$$\text{ATQ} - P \times \frac{4}{3} \times \frac{90}{100} = 720$$

$$P = 600 \text{ Rs.}$$

**S55. Ans.(e)**

**Sol.**

$$\text{Total age of P, Q and R} = 23 \times 3 = 69$$

$$\text{Let age of P} = x \text{ years}$$

$$\text{So, age of Q} = 2x \text{ years}$$

$$\text{And age of R} = 2x + 9 \text{ years}$$

ATQ -

$$5x + 9 = 69$$

$$5x = 60$$

$$x = 12$$

$$\text{Required ratio} = 24 : 33 = 8 : 11$$

**S56. Ans.(b)**

**Sol.**

ATQ-

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

$$P = 3200 \text{ Rs.}$$

**S57. Ans.(b)**

**Sol.**

$$\text{Let total number of males in society} = 4x$$

$$\text{And, total number of males in society} = 3x$$

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

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

ATQ -

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

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

$$x = 8$$

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



**S58. Ans.(c)**

**Sol.**

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

$$\text{Total amount man spends for grocery} = 2500 \text{ Rs.}$$

ATQ -

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

$$X = 36000 \text{ Rs.}$$

**S59. Ans.(a)**

**Sol.**

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

$$X = 40,000$$

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

$$= 72000 - 50000$$

$$= \text{Rs.}22000$$



**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

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

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

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

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

$$= 28.8 \text{ litre}$$

**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.**

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

$$\text{Required ratio} = 28 : 76 = 7 : 19$$

**S63. Ans.(b)**

**Sol.**

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

**S64. Ans(b)**

**Sol.**

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

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

$$\text{Required difference} = 144 - 110 = 34$$

**S65. Ans.(c)**

**Sol.**

$$\text{Total staplers \& calculators sold by shop in February} = 64 + 68 = 132$$

$$\text{Total staplers \& calculators sold by shop in April} = 80 + 120 = 200$$

$$\text{Required difference} = 200 - 132 = 68$$

**S66. Ans.(a)**

**Sol.**

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

Let Manoj covers  $D$  km in  $t$  hours

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

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

$$x : y = 1 : 4 \text{ or } a : 4a$$

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

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

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

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

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

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

**S67. Ans.(b)**

**Sol.**

Let breadth of the rectangle be ' $2b$ ' meter

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

ATQ.

$$2b \times 3b = 486$$

$$b \times b = 81$$

$$b = 9$$

$$\text{Breadth of the rectangle} = 2b = 18 \text{ meter}$$

$$\text{Length of the rectangle} = 3b = 27 \text{ meter}$$

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

TEST SERIES

BILINGUAL



**FCI AG-III**  
**Junior Engineer**

**Civil**  
**PHASE-II**

**55+ TOTAL TESTS**



**S68. Ans.(a)**

**Sol.**

Pattern of series -

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

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

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

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

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

**S69. Ans.(e)**

**Sol.**

Pattern of series -

$$235 - 39 = 196$$

$$196 - 41 = 155$$

$$155 - 43 = 112$$

$$112 - 45 = 67$$

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

**S70. Ans.(b)**

**Sol.**

Pattern of series -

$$17, \quad 38, \quad 70, \quad 124, \quad 211, \quad ? = \mathbf{342}$$

$$+21 \quad +32 \quad +54 \quad +87 \quad +131$$

$$+11 \quad +22 \quad +33 \quad +44$$

**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  $\text{Ca}(\text{OH})_2$ .

**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 km<sup>2</sup>.

**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.

