

# QUIZ-A-THON

## SECTION 2

### Logical Reasoning

---

#### **1000 Multiple Choice Questions**

*Difficulty: Easy to Moderate | Quiz-A-Thon / R-CAT Level*

*Exam-Ready | Printable | Professionally Formatted*

## Direction Sense

### *Basic Movement*

**Q1. A man walks 5 km towards South, then turns left and walks 3 km. In which direction is he now facing?**

- A) North
- B) East
- C) West
- D) South

**Correct Answer: B**

**Q2. Ravi walks 10 m towards North, then turns right and walks 5 m. Which direction is he facing now?**

- A) East
- B) West
- C) North
- D) South

**Correct Answer: A**

**Q3. A person walks 4 km East, then turns left. Which direction is he facing now?**

- A) South
- B) North
- C) East
- D) West

**Correct Answer: B**

**Q4. Starting from point A, Meena walks 7 km West and then turns right. She is now facing:**

- A) East
- B) North
- C) South
- D) West

**Correct Answer: B**

**Q5. A boy walks 3 km North and then turns left. He is now facing:**

- A) East
- B) West
- C) South
- D) North

**Correct Answer: B**

**Q6. Sita walks 6 km towards South, then turns right. She is facing:**

- A) East
- B) North
- C) West
- D) South

**Correct Answer: C**

**Q7. If you face East and turn left, which direction will you face?**

- A) West
- B) South
- C) North
- D) East

**Correct Answer: C**

**Q8. Facing West, Raj turns right. He is now facing:**

- A) East
- B) North
- C) South
- D) West

**Correct Answer: B**

**Q9. A girl walks 2 km South and then 3 km East. Which direction is she from her starting point?**

- A) South-East
- B) North-East
- C) South-West
- D) North-West

**Correct Answer: A**

**Q10. If you are facing North and turn 90 degrees clockwise, which direction do you face?**

- A) West
- B) East
- C) South
- D) North

**Correct Answer: B**

### ***Turns & Rotation***

**Q11. Facing North, a man turns 180 degrees. He is now facing:**

- A) East
- B) West
- C) South
- D) North

**Correct Answer: C**

**Q12. A person facing East turns 270 degrees clockwise. He now faces:**

- A) North
- B) South
- C) East
- D) West

**Correct Answer: A**

**Q13. Facing South, Anita turns 90 degrees anti-clockwise. She now faces:**

- A) North
- B) East
- C) West
- D) South

**Correct Answer: B**

**Q14. A man facing West turns 360 degrees. He is now facing:**

- A) North
- B) East
- C) South
- D) West

**Correct Answer: D**

**Q15. If you are facing South-East and turn 90 degrees clockwise, which direction do you face?**

- A) South-West
- B) North-East
- C) North-West
- D) East

**Correct Answer: A**

**Q16. A person facing North-East turns 180 degrees. He is now facing:**

- A) South-West
- B) North-West
- C) South-East
- D) East

**Correct Answer: A**

**Q17. Facing North, a man turns 45 degrees clockwise. He now faces:**

- A) East
- B) North-East
- C) South-East
- D) North-West

**Correct Answer: B**

**Q18. Facing East, a girl turns 90 degrees anti-clockwise twice. She is now facing:**

- A) West
- B) East
- C) North
- D) South

**Correct Answer: A**

**Q19. A person turns 90 degrees clockwise three times from North. He now faces:**

- A) East
- B) South
- C) West
- D) North

**Correct Answer: C**

**Q20. If you are facing West and turn 135 degrees clockwise, you face:**

- A) North
- B) North-West
- C) North-East
- D) South

**Correct Answer: B**

***Distance & Position***

**Q21. A walks 5 km North, then 5 km East. How far is A from the starting point?**

- A) 10 km
- B)  $5\sqrt{2}$  km
- C) 7 km
- D) 25 km

**Correct Answer: B**

**Q22. A man walks 3 km East, then 4 km North. His straight-line distance from start is:**

- A) 7 km
- B) 5 km
- C) 12 km
- D) 1 km

**Correct Answer: B**

**Q23. Raju walks 6 km South, then 8 km West. How far is he from the starting point?**

- A) 14 km
- B) 10 km
- C) 2 km
- D) 48 km

**Correct Answer: B**

**Q24. A girl walks 12 km North and then 5 km East. What is her distance from the start?**

- A) 17 km
- B) 7 km
- C) 13 km
- D) 60 km

**Correct Answer: C**

**Q25. A man walks 8 km East, 6 km North, then 8 km West. He is now how far from the start?**

- A) 6 km
- B) 8 km
- C) 10 km
- D) 22 km

**Correct Answer: A**

**Q26. Walking 5 km North, then 5 km East, then 5 km South. How far from start?**

- A) 5 km
- B) 10 km
- C) 15 km
- D) 0 km

**Correct Answer: A**

**Q27. A person walks 3 km West, 4 km South, 3 km East. How far from the start?**

- A) 10 km
- B) 4 km
- C) 6 km
- D) 3 km

**Correct Answer: B**

**Q28. Seema walks 10 km North, then 10 km East, then 10 km South. She is from start:**

- A) 10 km East
- B) 10 km North
- C) 10 km South
- D) 30 km East

**Correct Answer: A**

**Q29. P walks 7 km South, then turns left and walks 7 km. P is in which direction from start?**

- A) South-East
- B) South-West
- C) North-East
- D) North-West

**Correct Answer: A**

**Q30. A walks 4 km East, 3 km South, 4 km West. A is in which direction from start?**

- A) South
- B) North
- C) East
- D) West

**Correct Answer: A**

### ***Shadow-Based***

**Q31. In the morning, if a man faces East, his shadow falls towards:**

- A) East
- B) North
- C) West
- D) South

**Correct Answer: C**

**Q32. At noon, the shadow of a vertical pole in the Northern hemisphere points towards:**

- A) South
- B) North
- C) East
- D) West

**Correct Answer: B**

**Q33. In the evening, a person facing West will have their shadow falling towards:**

- A) West
- B) East
- C) North
- D) South

**Correct Answer: B**

**Q34. If Ravi's shadow falls to his right in the morning, he is facing:**

- A) North
- B) South
- C) East
- D) West

**Correct Answer: A**

**Q35. At 6 AM, a man is facing South. His shadow falls to which side?**

- A) Left
- B) Right
- C) Front
- D) Behind

**Correct Answer: B**

**Q36. If a girl notices her shadow falling to her left in the evening, she is facing:**

- A) South
- B) North
- C) East
- D) West

**Correct Answer: B**

**Q37. In the morning, a pole's shadow points West. By evening, the shadow points:**

- A) East
- B) West
- C) North
- D) South

**Correct Answer: A**

**Q38. A man's shadow falls in front of him in the morning. He is facing:**

- A) East
- B) West
- C) North
- D) South

**Correct Answer: B**

**Q39. If at sunrise your shadow is behind you, you are facing:**

- A) West
- B) North
- C) East
- D) South

**Correct Answer: C**

**Q40. At sunset, if a man faces North, his shadow falls to his:**

- A) Left
- B) Right
- C) Front
- D) Behind

**Correct Answer: B**

### ***Complex Paths***

**Q41. A man walks 2 km North, 3 km East, 2 km South, 3 km West. He is now at:**

- A) North of start
- B) East of start
- C) His starting point
- D) South of start

**Correct Answer: C**

**Q42. P walks 5 km South, turns left, walks 3 km, turns left, walks 5 km, turns left, walks 3 km. P is at:**

- A) Starting point
- B) 5 km South
- C) 3 km East
- D) 5 km North

**Correct Answer: A**

**Q43. From home, Rani walks 4 km East, 3 km North, 4 km West, 3 km South. She is:**

- A) At home
- B) 3 km North
- C) 4 km East
- D) 7 km away

**Correct Answer: A**

**Q44. A walks North 6 km, East 4 km, South 3 km, East 4 km. How far North of start?**

- A) 6 km
- B) 3 km
- C) 9 km
- D) 0 km

**Correct Answer: B**



**Q45. X walks 3 km North, turns right, walks 4 km, turns right, walks 7 km. Direction from start?**

- A) South-East
- B) South-West
- C) North-East
- D) North-West

**Correct Answer: A**

**Q46. B walks 10 km East, 5 km South, 10 km West, 5 km North. B is at:**

- A) 10 km East
- B) Starting point
- C) 5 km South
- D) 15 km East

**Correct Answer: B**

**Q47. A goes 6 km East, 3 km South, 2 km East, 3 km North. How far East from start?**

- A) 6 km
- B) 8 km
- C) 2 km
- D) 11 km

**Correct Answer: B**

**Q48. M walks 4 km West, turns left, walks 4 km, then turns right and walks 4 km. M is facing:**

- A) West
- B) East
- C) South
- D) North

**Correct Answer: A**

**Q49. Starting from office, Ram walks 8 km North, turns right, walks 6 km, turns right, walks 8 km. He is from office:**

- A) 6 km East
- B) 6 km West
- C) 8 km North
- D) 14 km away

**Correct Answer: A**

**Q50. Anu starts from X, walks 5 km South, 12 km East. Her shortest distance from X is:**

- A) 13 km
- B) 17 km
- C) 7 km
- D) 60 km

**Correct Answer: A**

### ***Relative Position***

**Q51. A is to the North of B. B is to the West of C. A is in which direction of C?**

- A) North-East
- B) North-West
- C) South-East
- D) South-West

**Correct Answer: B**

**Q52. P is East of Q. R is South of P. R is in which direction of Q?**

- A) South-East
- B) North-East
- C) South-West
- D) North-West

**Correct Answer: A**

**Q53. Town A is North of Town B. Town C is East of Town A. Town C is in which direction of B?**

- A) North-East
- B) North-West
- C) South-East
- D) South-West

**Correct Answer: A**

**Q54. X is to the West of Y. Z is to the South of X. Z is in which direction of Y?**

- A) North-West
- B) South-West
- C) South-East
- D) North-East

**Correct Answer: B**

**Q55. School is South of Hospital. Park is East of School. Park is in which direction of Hospital?**

- A) South-East
- B) North-East
- C) South-West
- D) North-West

**Correct Answer: A**

**Q56. M is North-East of N. O is due South of M. If  $MO = MN$ , O is in which direction of N?**

- A) East
- B) South-East
- C) South
- D) North

**Correct Answer: A**

**Q57. P is 5 km East of Q. R is 5 km North of P. R is from Q in direction:**

- A) North-East
- B) South-East
- C) North-West
- D) South-West

**Correct Answer: A**

**Q58. House is West of School. Temple is South of House. Temple is in which direction of School?**

- A) South-West
- B) North-West
- C) South-East
- D) North-East

**Correct Answer: A**

**Q59. D is North-West of E. F is East of D and North of E. So F is approximately \_\_\_\_\_ of E.**

- A) North
- B) North-East
- C) East
- D) North-West

**Correct Answer: A**

**Q60. Village A is due East of Village B, and Village C is due South of Village A. B to C direction is:**

- A) South-East
- B) North-East
- C) South-West
- D) Due South

**Correct Answer: A**

## Blood Relations

### *Basic Relations*

**Q61. Pointing to a man, a woman says, 'He is my father's son.' How is the man related to the woman?**

- A) Father
- B) Uncle
- C) Brother
- D) Cousin

**Correct Answer: C**

**Q62. A says, 'B is my mother's husband.' How is B related to A?**

- A) Uncle
- B) Father
- C) Brother
- D) Grandfather

**Correct Answer: B**

**Q63. Pointing to a lady, Ram says, 'She is the daughter of my grandfather's only son.' How is the lady related to Ram?**

- A) Sister
- B) Mother
- C) Aunt
- D) Cousin

**Correct Answer: A**

**Q64. If X is the son of Y's mother's brother, how is X related to Y?**

- A) Brother
- B) Cousin
- C) Uncle
- D) Nephew

**Correct Answer: B**

**Q65. Anu says, 'Ravi is the brother of the son of my mother's sister.' How is Ravi related to Anu?**

- A) Son
- B) Cousin
- C) Brother
- D) Uncle

**Correct Answer: B**

**Q66. A's father is B's son. How is A related to B?**

- A) Son
- B) Grandson / Granddaughter
- C) Father
- D) Brother

**Correct Answer: B**

**Q67. Pointing to a boy, Seema says, 'He is the son of my husband's father.' How is the boy related to Seema?**

- A) Son
- B) Nephew
- C) Brother-in-law
- D) Husband

**Correct Answer: C**

**Q68. M is the daughter of K. K is the daughter of N. How is M related to N?**

- A) Daughter
- B) Granddaughter
- C) Sister
- D) Mother

**Correct Answer: B**

**Q69. 'He is my mother's only son.' The speaker is referring to:**

- A) His uncle
- B) His brother
- C) Himself
- D) His cousin

**Correct Answer: C**

**Q70. Pointing to a woman, a man says, 'Her mother is the only daughter of my mother.' Who is the woman?**

- A) Sister
- B) Daughter
- C) Mother
- D) Cousin

**Correct Answer: B**

***Father / Mother***

**Q71. A says, 'C is the father of my mother.' How is C related to A?**

- A) Father
- B) Grandfather (maternal)
- C) Uncle
- D) Brother

**Correct Answer: B**

**Q72. Pointing to a man, Rani says, 'His mother is my mother-in-law.' How is the man related to Rani?**

- A) Father-in-law
- B) Brother-in-law
- C) Husband
- D) Son

**Correct Answer: C**

**Q73. X's mother is Y's daughter. How is X related to Y?**

- A) Son
- B) Grandson / Granddaughter
- C) Daughter
- D) Nephew

**Correct Answer: B**

**Q74. A's mother is B's mother's daughter. How is A related to B?**

- A) Nephew / Niece
- B) Son / Daughter
- C) Cousin
- D) Brother / Sister

**Correct Answer: A**

**Q75. P's father is Q's mother's husband and Q is not P's sister. How is Q related to P?**

- A) Brother
- B) Cousin
- C) Uncle
- D) Father

**Correct Answer: A**

**Q76. If D is the mother of E, and E is the sister of F, how is D related to F?**

- A) Aunt
- B) Mother
- C) Sister
- D) Grandmother

**Correct Answer: B**

**Q77. Raj says, 'My mother's father is your father.' How is Raj related to the listener?**

- A) Grandson
- B) Nephew
- C) Son
- D) Brother

**Correct Answer: B**

**Q78. Kiran's mother is Priya. Priya's mother is Lata. How is Kiran related to Lata?**

- A) Daughter
- B) Granddaughter
- C) Sister
- D) Mother

**Correct Answer: B**

**Q79. R says, 'P is the husband of the daughter of the mother of my mother.' How is P related to R?**

- A) Father
- B) Uncle
- C) Brother
- D) Grandfather

**Correct Answer: B**

**Q80. Arun's mother says to Geeta, 'Your son is my son's cousin.' How is Geeta related to Arun's mother?**

- A) Sister
- B) Sister-in-law
- C) Daughter
- D) Mother

**Correct Answer: B**

### ***Siblings***

**Q81. A and B are sisters. C is A's brother. D is C's father. How is B related to D?**

- A) Mother
- B) Daughter
- C) Sister
- D) Wife

**Correct Answer: B**

**Q82. Anu is Ravi's sister. Mohan is Ravi's father. How is Anu related to Mohan?**

- A) Mother
- B) Daughter
- C) Wife
- D) Sister

**Correct Answer: B**

**Q83. If P is the brother of Q, Q is the sister of R, and R is the father of S, how is P related to S?**

- A) Father
- B) Uncle
- C) Brother
- D) Grandfather

**Correct Answer: B**

**Q84. X and Y are children of Z. X is not the brother of Y. How is X related to Y?**

- A) Brother
- B) Sister
- C) Cousin
- D) Father

**Correct Answer: B**

**Q85. Deepa and Mala are sisters. Ravi is Deepa's son. How is Ravi related to Mala?**

- A) Son
- B) Brother
- C) Nephew
- D) Cousin

**Correct Answer: C**

**Q86. Two sisters have one brother each. How many siblings are there in total?**

- A) 4
- B) 6
- C) 3
- D) 5

**Correct Answer: C**

**Q87. A is B's brother. C is B's sister. D is C's brother. How is A related to D?**

- A) Brother
- B) They are the same person
- C) Cousin
- D) Uncle

**Correct Answer: B**

**Q88. If Karan is the only brother of Neha, and Neha's mother has only two children, how is Karan related to Neha?**

- A) Cousin
- B) Brother
- C) Uncle
- D) Father

**Correct Answer: B**

**Q89. P has two children Q and R. Q's son is S. How is S related to R?**

- A) Son
- B) Brother
- C) Nephew
- D) Cousin

**Correct Answer: C**

**Q90. Lakshmi is Rani's sister. Rani is Shyam's wife. How is Lakshmi related to Shyam?**

- A) Sister
- B) Wife
- C) Sister-in-law
- D) Mother-in-law

**Correct Answer: C**

### ***In-Laws***

**Q91. A is married to B. C is A's mother. How is C related to B?**

- A) Mother
- B) Mother-in-law
- C) Aunt
- D) Sister

**Correct Answer: B**

**Q92. Ravi's wife's father is Mohan. How is Mohan related to Ravi?**

- A) Father
- B) Father-in-law
- C) Uncle
- D) Brother

**Correct Answer: B**

**Q93. Sita is the daughter-in-law of Geeta. Ramu is Geeta's son. How is Sita related to Ramu?**

- A) Sister
- B) Daughter
- C) Wife
- D) Mother

**Correct Answer: C**

**Q94. P is the brother-in-law of Q. R is Q's husband. How is P related to R?**

- A) Brother
- B) Cousin
- C) Father
- D) Uncle

**Correct Answer: A**



**Q95. X's sister-in-law is Y. Y is married to Z. How is Z related to X?**

- A) Brother or Sister
- B) Father
- C) Uncle
- D) Cousin

**Correct Answer: A**

**Q96. Meera's husband's sister is Kavita. How is Kavita related to Meera?**

- A) Sister
- B) Sister-in-law
- C) Cousin
- D) Aunt

**Correct Answer: B**

**Q97. A says to B, 'Your son is my son-in-law.' How is B's son's wife related to A?**

- A) Niece
- B) Daughter
- C) Daughter-in-law
- D) Granddaughter

**Correct Answer: B**

**Q98. Rani is the mother-in-law of Preeti, who is the wife of Suresh. How is Rani related to Suresh?**

- A) Mother
- B) Aunt
- C) Mother-in-law
- D) Grandmother

**Correct Answer: A**

**Q99. G is the father-in-law of H. H is married to K. K is G's:**

- A) Son
- B) Daughter
- C) Brother
- D) Nephew

**Correct Answer: B**

**Q100. My wife's brother's wife is my:**

- A) Sister-in-law
- B) Cousin
- C) Aunt
- D) Niece

**Correct Answer: A**

### ***Generations***

**Q101. My father's father is your father. How am I related to you?**

- A) Son
- B) Grandson
- C) Nephew
- D) Brother

**Correct Answer: C**

**Q102. A is B's grandson. C is A's mother. How is C related to B?**

- A) Daughter
- B) Daughter-in-law
- C) Wife
- D) Mother

**Correct Answer: B**

**Q103. Ravi says, 'I am the only grandson of my grandfather who has only one son.' How many brothers does Ravi have?**

- A) One
- B) Two
- C) None
- D) Three

**Correct Answer: C**

**Q104. P is the great-grandfather of Q. R is Q's father. How is R related to P?**

- A) Son
- B) Grandson
- C) Brother
- D) Nephew

**Correct Answer: B**

**Q105. My grandmother's only daughter is my:**

- A) Sister
- B) Aunt
- C) Mother
- D) Cousin

**Correct Answer: C**

**Q106. A's grandfather's son's daughter is:**

- A) A's sister or cousin
- B) A's aunt
- C) A's niece
- D) A's grandmother

**Correct Answer: A**

**Q107. C is A's grandmother. B is A's mother. How is C related to B?**

- A) Mother
- B) Mother-in-law
- C) Grandmother
- D) Sister

**Correct Answer: A**

**Q108. X is the nephew of Y. Y's father is Z. How is Z related to X?**

- A) Father
- B) Grandfather
- C) Uncle
- D) Brother

**Correct Answer: B**

**Q109. My maternal grandfather's wife is my:**

- A) Grandmother
- B) Mother
- C) Aunt
- D) Sister

**Correct Answer: A**

**Q110. D is the great-grandson of E. F is D's father. G is F's father. How is G related to E?**

- A) Son
- B) Grandson
- C) Brother
- D) Nephew

**Correct Answer: A**

### **Complex Puzzle**

**Q111. A + B means A is the father of B. A - B means A is the wife of B. If P + Q - R, how is R related to P?**

- A) Son
- B) Son-in-law
- C) Brother
- D) Father

**Correct Answer: B**

**Q112. In a family of 6, A is the father of B. C is the mother of D. B and D are married. E is A's daughter. How is E related to D?**

- A) Mother-in-law
- B) Sister-in-law
- C) Daughter
- D) Cousin

**Correct Answer: B**

**Q113.** If 'A \$ B' means A is the mother of B, and 'A # B' means A is the brother of B, then in X \$ Y # Z, how is Z related to X?

- A) Son
- B) Daughter
- C) Grandson
- D) Son or Daughter

**Correct Answer: D**

**Q114.** Six people P, Q, R, S, T, U are in a family. P is the father of Q. R is the mother of S. Q and R are married. How is S related to P?

- A) Son
- B) Grandson / Granddaughter
- C) Nephew
- D) Daughter

**Correct Answer: B**

**Q115.** A is married to B. C is A's sister. D is B's brother. How are C and D related?

- A) Brother and Sister
- B) Husband and Wife
- C) No blood relation
- D) Cousins

**Correct Answer: C**

**Q116.** If X @ Y means X is the daughter of Y, X & Y means X is the husband of Y, then A @ B & C means:

- A) A is the daughter of B, who is the husband of C
- B) A is the mother of B
- C) A is married to B
- D) A is the sister of C

**Correct Answer: A**

**Q117.** In a family, there are 2 married couples, 1 grandfather, 1 grandmother, 2 fathers, 2 mothers, 1 son, 1 daughter, and 2 grandchildren. What is the minimum number of members?

- A) 8
- B) 6
- C) 5
- D) 4

**Correct Answer: B**

**Q118.** A says to B, 'The girl playing there is the younger of the two daughters of my father's wife.' How is the girl related to B if B is A's brother?

- A) Cousin
- B) Sister
- C) Daughter
- D) Niece

**Correct Answer: B**

**Q119. If 'D is the mother of S' and 'S is the son of P' and 'P is the father of S,' then D and P are:**

- A) Siblings
- B) Married couple
- C) Cousins
- D) Parent and child

**Correct Answer: B**

**Q120. A family has a husband, wife, two sons, and one daughter. One son is married with one child. How many total members?**

- A) 7
- B) 6
- C) 8
- D) 5

**Correct Answer: A**

### ***Coded Relations***

**Q121. If  $A + B$  means A is the father of B,  $A - B$  means A is the mother of B,  $A \times B$  means A is the brother of B, then what does  $P + Q \times R$  mean?**

- A) P is the father of Q, who is the brother of R
- B) P is the brother of Q
- C) P is the mother of R
- D) P is the father of R

**Correct Answer: A**

**Q122. If ' $M > N$ ' means M is the mother of N, and ' $M < N$ ' means M is the daughter of N, then in  $A > B < C$ , how is C related to A?**

- A) Mother
- B) Grandmother
- C) Daughter
- D) Granddaughter

**Correct Answer: A**

**Q123. If '#' means 'father of' and '\$' means 'mother of', what does  $A \# B \$ C$  mean?**

- A) A is grandfather of C
- B) A is father of B who is mother of C
- C) A is uncle of C
- D) Both A and B

**Correct Answer: B**

**Q124. If  $A * B = A$  is the wife of B, and  $A + B = A$  is the son of B, then  $P * Q + R$  means:**

- A) P is wife of Q, who is son of R
- B) P is son of Q
- C) P is mother of R
- D) P is the daughter of R

**Correct Answer: A**

**Q125. If '-' means son of, and '<-' means wife of, then A -> B <- C means:**

- A) A is son of B, B is wife of C
- B) A is son of B, C is husband of B
- C) A is father of C
- D) A is brother of C

**Correct Answer: A**

## Direction Sense

### *Basic Movement*

**Q126. A man starts walking towards North. After walking 10 m, he turns left. He is now facing:**

- A) South
- B) East
- C) West
- D) North

**Correct Answer: C**

**Q127. Starting from her house, Lata walks North for 5 km, then turns right and walks 3 km. She is now facing:**

- A) North
- B) East
- C) South
- D) West

**Correct Answer: B**

**Q128. Ramesh wants to go to the hospital which is due North. He starts walking East for 5 km and turns left. He is now walking towards:**

- A) North
- B) South
- C) East
- D) West

**Correct Answer: A**

### *Turns & Rotation*

**Q129. A person faces South-West and turns 90 degrees anti-clockwise. He now faces:**

- A) South-East
- B) North-West
- C) North-East
- D) West

**Correct Answer: A**

**Q130. From North, turning 45 degrees clockwise four times makes you face:**

- A) South
- B) East
- C) West
- D) North

**Correct Answer: A**

### ***Distance & Position***

**Q131. A man walks 15 m East and then 20 m North. His shortest distance from start is:**

- A) 35 m
- B) 25 m
- C) 5 m
- D) 175 m

**Correct Answer: B**

**Q132. A man walks 9 km East, then 12 km North. How far is he from start?**

- A) 21 km
- B) 15 km
- C) 3 km
- D) 108 km

**Correct Answer: B**

**Q133. Going 7 km North and then 24 km East, the distance from start is:**

- A) 31 km
- B) 25 km
- C) 17 km
- D) 168 km

**Correct Answer: B**

### ***Complex Paths***

**Q134. P walks 4 km North, 2 km East, 4 km South, 6 km West. P is from starting point:**

- A) 4 km West
- B) 2 km East
- C) 6 km West
- D) 4 km North

**Correct Answer: A**

**Q135. A boy walks 1 km East, 1 km South, 1 km East, 1 km South, 1 km West, 1 km North. How far East from start?**

- A) 3 km
- B) 1 km
- C) 2 km
- D) 0 km

**Correct Answer: B**

## Blood Relations

### *Basic Relations*

**Q136.** Pointing to a man in a photograph, Asha says, 'His mother is the only daughter of my mother.' How is the man related to Asha?

- A) Nephew
- B) Son
- C) Brother
- D) Uncle

**Correct Answer: B**

**Q137.** A woman says, 'This girl is the wife of the grandson of my mother.' Who is the woman to the girl?

- A) Mother-in-law
- B) Grandmother
- C) Aunt
- D) Sister

**Correct Answer: A**

**Q138.** If Neha is the daughter of Ramesh's brother, how is Neha's father related to Ramesh?

- A) Father
- B) Uncle
- C) Brother
- D) Cousin

**Correct Answer: C**

### *Father / Mother*

**Q139.** Anand says, 'The mother of my son's wife is my wife's mother.' What is the relationship between Anand and his son's wife?

- A) Father-in-law and daughter-in-law
- B) Uncle and niece
- C) Brother and sister
- D) Grandfather and granddaughter

**Correct Answer: A**

**Q140.** My mother's husband is my:

- A) Uncle
- B) Father
- C) Brother
- D) Grandfather

**Correct Answer: B**

### *Siblings*



**Q141. Rajan has a sister. His sister's father's mother is Rajan's:**

- A) Mother
- B) Sister
- C) Grandmother
- D) Aunt

**Correct Answer: C**

**Q142. Tom and Jerry are brothers. Tim is Tom's father. What is Jerry to Tim?**

- A) Nephew
- B) Son
- C) Brother
- D) Grandson

**Correct Answer: B**

### ***In-Laws***

**Q143. My brother's wife's sister is the daughter of my:**

- A) Mother-in-law
- B) Father-in-law
- C) Father
- D) There is no such relation

**Correct Answer: B**

### ***Generations***

**Q144. My daughter's son's sister is my:**

- A) Granddaughter
- B) Daughter
- C) Niece
- D) Cousin

**Correct Answer: A**

### ***Complex Puzzle***

**Q145. A's mother is B's father's wife. How is A related to B?**

- A) Cousin
- B) Brother/Sister
- C) Uncle
- D) Nephew

**Correct Answer: B**

## **Direction Sense**

### ***Shadow-Based***

**Q146. At 4 PM, a person facing North has his shadow to his:**

- A) Left
- B) Right
- C) Front
- D) Behind

**Correct Answer: B**

**Q147. Early morning, a girl notices her shadow is to her right. She is facing:**

- A) North
- B) South
- C) East
- D) West

**Correct Answer: A**

### ***Relative Position***

**Q148. Bank is to the East of Hospital. Temple is to the South of Bank. Temple is in which direction of Hospital?**

- A) North-East
- B) South-East
- C) North-West
- D) South-West

**Correct Answer: B**

**Q149. Rani's house is 5 km North and 5 km West of Sita's house. Rani's house is in which direction of Sita's?**

- A) North-East
- B) South-West
- C) North-West
- D) South-East

**Correct Answer: C**

### ***Distance & Position***

**Q150. Two friends start from the same point. A walks 4 km East and B walks 3 km North. How far are they from each other?**

- A) 7 km
- B) 5 km
- C) 1 km
- D) 12 km

**Correct Answer: B**

### ***Basic Movement***

**Q151. A car moves 20 km towards North, turns left, and moves 15 km. It is now facing:**

- A) East
- B) West
- C) South
- D) North

**Correct Answer: B**

### ***Turns & Rotation***

**Q152. Facing South, turning 90 degrees clockwise gives:**

- A) North
- B) East
- C) West
- D) South

**Correct Answer: C**

### ***Complex Paths***

**Q153. Ram walks 3 km North, 4 km East, 7 km South, 4 km West. He is how far from start?**

- A) 4 km South
- B) 3 km North
- C) 7 km South
- D) 18 km

**Correct Answer: A**

## **Blood Relations**

### ***Coded Relations***

**Q154. If '+' = father, 'x' = brother, '-' = mother, then  $P + Q \times R - S$  means:**

- A) P is father of Q; Q is brother of R; R is mother of S
- B) P is brother of Q
- C) S is the father
- D) R is the grandfather

**Correct Answer: A**

**Q155. If  $M @ N$  means M is the sister of N,  $M \# N$  means M is the mother of N, then  $X @ Y \# Z$  means:**

- A) X is sister of Y, Y is mother of Z
- B) X is mother of Y
- C) Z is sister of X
- D) X is aunt of Z

**Correct Answer: A**

### ***Basic Relations***

**Q156. Pointing to Deepak, Neelam says, 'I am the only daughter of his mother.' How is Neelam related to Deepak?**

- A) Mother
- B) Niece
- C) Sister
- D) Daughter

**Correct Answer: C**

### ***Generations***

**Q157. My father's mother's daughter is my:**

- A) Sister
- B) Mother
- C) Aunt
- D) Grandmother

**Correct Answer: C**

### ***In-Laws***

**Q158. My husband's mother is my:**

- A) Mother
- B) Mother-in-law
- C) Aunt
- D) Grandmother

**Correct Answer: B**

### ***Siblings***

**Q159. My sister's mother is my:**

- A) Aunt
- B) Sister
- C) Mother
- D) Grandmother

**Correct Answer: C**

## **Direction Sense**

### ***Distance & Position***

**Q160. A man walks 40 m East and 30 m North. What is the shortest distance from start?**

- A) 70 m
- B) 50 m
- C) 10 m
- D) 35 m

**Correct Answer: B**

## Blood Relations

### Complex Puzzle

**Q161.** A family has a father, mother, three sons, and two daughters. Each son is married. How many females are in the family?

- A) 5
- B) 4
- C) 6
- D) 7

**Correct Answer: A**

### Basic Relations

**Q162.** If Priya says, 'He is the only son of my mother's mother,' she is talking about her:

- A) Father
- B) Brother
- C) Maternal uncle
- D) Cousin

**Correct Answer: C**

## Direction Sense

### Basic Movement

**Q163.** I face North and take a left turn, then immediately take a right turn. I am now facing:

- A) East
- B) West
- C) South
- D) North

**Correct Answer: D**

### Turns & Rotation

**Q164.** If you spin 540 degrees clockwise from facing East, you now face:

- A) East
- B) West
- C) North
- D) South

**Correct Answer: B**

### Shadow-Based

**Q165. If the shadow of a signpost falls towards the East, the time is likely:**

- A) Morning
- B) Afternoon
- C) Evening
- D) Midnight

**Correct Answer: C**

### ***Complex Paths***

**Q166. A woman drives 5 km South, 3 km East, 5 km North. She is from the start:**

- A) 5 km East
- B) 3 km East
- C) 8 km away
- D) At start

**Correct Answer: B**

## **Blood Relations**

### ***In-Laws***

**Q167. Pointing to a photo, a lady says, 'She is my husband's sister's daughter.' The girl in the photo is the lady's:**

- A) Sister
- B) Daughter
- C) Niece
- D) Cousin

**Correct Answer: C**

### ***Coded Relations***

**Q168. If A % B means A is the husband of B, A & B means A is the son of B, then X % Y & Z means:**

- A) X is husband of Y, Y is son of Z
- B) X is son of Z
- C) Y is husband of X
- D) Z is the wife

**Correct Answer: A**

## **Ranking & Order**

### ***Position from Left/Right***

**Q169. In a row of 30 students, Ravi is 12th from the left. His position from the right is:**

- A) 18th
- B) 19th
- C) 20th
- D) 17th

**Correct Answer: B**

**Q170. In a row of 40 students, Priya is 15th from the right. Her position from the left is:**

- A) 25th
- B) 26th
- C) 27th
- D) 24th

**Correct Answer: B**

**Q171. Arun is 10th from the left and 20th from the right. How many students are in the row?**

- A) 29
- B) 30
- C) 31
- D) 28

**Correct Answer: A**

**Q172. In a queue, Ramu is 5th from the front and 10th from the back. Total people in the queue?**

- A) 14
- B) 15
- C) 16
- D) 13

**Correct Answer: A**

**Q173. Sita is 18th from the left end. If total students are 35, what is her position from right?**

- A) 18th
- B) 17th
- C) 16th
- D) 19th

**Correct Answer: A**

**Q174. In a row of 25 boys, Kiran is 8th from the left. How many boys are to his right?**

- A) 16
- B) 17
- C) 18
- D) 15

**Correct Answer: B**

**Q175. In a class of 50 students, Meera ranks 20th from top. Her rank from the bottom is:**

- A) 30th
- B) 31st
- C) 32nd
- D) 29th

**Correct Answer: B**

**Q176. Ajay is 14th from the right and there are 45 people. His position from left is:**

- A) 31st
- B) 32nd
- C) 33rd
- D) 30th

**Correct Answer: B**

**Q177. Rahul is exactly in the middle of a row of 25 students. His position from either end is:**

- A) 12th
- B) 13th
- C) 14th
- D) 11th

**Correct Answer: B**

**Q178. In a row of 33 students, who stands in the exact middle?**

- A) 16th from either end
- B) 17th from either end
- C) 15th from either end
- D) 18th from either end

**Correct Answer: B**

### *Interchanging Positions*

**Q179. In a row, A is 7th from the left and B is 11th from the right. They interchange positions. Now A is 11th from the right. B's new position from the left is:**

- A) 7th
- B) 8th
- C) 6th
- D) 9th

**Correct Answer: A**

**Q180. X is 15th from the left and Y is 20th from the right. After interchange, X is 20th from right. How many students are in the row?**

- A) 34
- B) 35
- C) 33
- D) 36

**Correct Answer: A**

**Q181. Ravi is 9th from left and Suresh is 16th from right. After swapping, Ravi becomes 16th from right. Total students?**

- A) 24
- B) 23
- C) 25
- D) 22

**Correct Answer: A**



**Q182.** A is 12th from left, B is 18th from right. After exchange, A is 18th from right. Minimum students?

- A) 29
- B) 28
- C) 30
- D) 27

**Correct Answer: A**

**Q183.** In a row, P is 8th from front. After interchanging with Q who is 14th from end, P becomes 14th from end. Total?

- A) 21
- B) 22
- C) 20
- D) 23

**Correct Answer: A**

**Q184.** Ram is 5th from left, Shyam is 5th from right. After swapping, Ram is 5th from right. Total in row?

- A) 9
- B) 10
- C) 8
- D) 11

**Correct Answer: A**

**Q185.** M is 13th from the left and N is 22nd from the right. They swap. If M is now 22nd from right, total students?

- A) 34
- B) 33
- C) 35
- D) 32

**Correct Answer: A**

**Q186.** After interchanging, P who was 6th from left becomes 10th from right. Q who was 10th from right becomes 6th from left. Total people?

- A) 15
- B) 16
- C) 14
- D) 17

**Correct Answer: A**

### ***Between Two People***

**Q187.** In a row of 50, A is 14th from left and B is 18th from right. How many students are between them?

- A) 19
- B) 18
- C) 20
- D) 17

**Correct Answer: B**

**Q188. In a queue of 35, P is 10th from front and Q is 12th from back. How many between them?**

- A) 13
- B) 14
- C) 15
- D) 12

**Correct Answer: B**

**Q189. In a row of 40 children, Ram is 11th from left and Hari is 15th from right. Students between them?**

- A) 14
- B) 15
- C) 16
- D) 13

**Correct Answer: A**

**Q190. A is 5th from left, B is 5th from right in a row of 20. People between them?**

- A) 10
- B) 11
- C) 9
- D) 8

**Correct Answer: A**

**Q191. In a row of 30, X is 8th from left and Y is 10th from right. How many people between them?**

- A) 12
- B) 13
- C) 11
- D) 10

**Correct Answer: A**

**Q192. In a class of 45, Sita ranks 20th from top, Gita ranks 30th from bottom. How many students between them?**

- A) 3
- B) 4
- C) 5
- D) 2

**Correct Answer: B**

**Q193. A is 6th from the left and B is 6th from the right in a row of 15. People between them?**

- A) 3
- B) 4
- C) 2
- D) 5

**Correct Answer: A**

**Q194. In a row of 25, M is 7th from left and N is 9th from right. Students between them?**

- A) 9
- B) 10
- C) 8
- D) 11

**Correct Answer: A**

### ***Class Rank***

**Q195. Suman ranks 7th in a class of 30. Her rank from the bottom is:**

- A) 23rd
- B) 24th
- C) 25th
- D) 22nd

**Correct Answer: B**

**Q196. In a class, Raj ranks 9th from top and 38th from bottom. Total students?**

- A) 46
- B) 47
- C) 45
- D) 48

**Correct Answer: A**

**Q197. Anita's rank in class is 12th from top and 25th from bottom. How many students?**

- A) 36
- B) 37
- C) 35
- D) 38

**Correct Answer: A**

**Q198. If Mohan is 16th from the top and Sohan is 29th from the bottom in a class of 44, who is ahead?**

- A) Mohan
- B) Sohan
- C) Both same
- D) Cannot determine

**Correct Answer: A**

**Q199. In a class of 60, Deepa's rank from top is 22nd. Her rank from bottom is:**

- A) 38th
- B) 39th
- C) 40th
- D) 37th

**Correct Answer: B**

**Q200.** Riya ranks third from the top. Priya ranks fifth from the bottom in a class of 20. How many students are between them?

- A) 12
- B) 13
- C) 14
- D) 11

**Correct Answer: A**

**Q201.** In a class of 48, A is 15th from top, B is 20th from bottom. How many are between them?

- A) 13
- B) 14
- C) 12
- D) 15

**Correct Answer: A**

**Q202.** Ajay's rank improves by 5 positions and becomes 8th. His earlier rank was:

- A) 3rd
- B) 13th
- C) 12th
- D) 11th

**Correct Answer: B**

**Q203.** In a class of 32, Anil was ranked 14th. Next year, 3 students joined and Anil's rank dropped by 2. His new rank from bottom?

- A) 18th
- B) 19th
- C) 20th
- D) 21st

**Correct Answer: C**

### *Linear Arrangement*

**Q204.** Five people A, B, C, D, E sit in a row. C sits in the middle, A sits at the left end. Who might sit at the right end?

- A) Only C
- B) B, D, or E
- C) Only A
- D) Only D

**Correct Answer: B**

**Q205.** In a row of 6 people, P sits 3rd from left. Q sits 4th from right. Are P and Q the same person?

- A) Yes, always
- B) No, never
- C) Yes, if row has 6 people
- D) Cannot determine

**Correct Answer: C**

**Q206.** Seven people sit in a row facing North. D is at one end. A is 3rd to the left of D. Who is at the other end if E is 4th from the right?

- A) A
- B) B
- C) E
- D) Cannot determine

**Correct Answer: D**

## Alphabet Reasoning

### *Letter Position*

**Q207.** What is the 15th letter of the English alphabet?

- A) N
- B) O
- C) P
- D) M

**Correct Answer: B**

**Q208.** Which letter is 8th from the left in the alphabet?

- A) G
- B) H
- C) I
- D) F

**Correct Answer: B**

**Q209.** What is the position of the letter 'M' in the English alphabet?

- A) 12
- B) 13
- C) 14
- D) 11

**Correct Answer: B**

**Q210.** The 20th letter of the English alphabet is:

- A) S
- B) T
- C) U
- D) R

**Correct Answer: B**

**Q211.** Which letter is exactly midway between A and K?

- A) E
- B) F
- C) G
- D) D

**Correct Answer: B**

**Q212. What is the 22nd letter of the English alphabet?**

- A) U
- B) V
- C) W
- D) T

**Correct Answer: B**

**Q213. If A = 1, B = 2, ..., Z = 26, then C + A + T = ?**

- A) 36
- B) 37
- C) 42
- D) 45

**Correct Answer: B**

**Q214. Which letter is at position 11 in the alphabet?**

- A) J
- B) K
- C) L
- D) I

**Correct Answer: B**

**Q215. The sum of positions of A and Z is:**

- A) 27
- B) 26
- C) 25
- D) 28

**Correct Answer: A**

**Q216. Which letter is 5th from the right end of the alphabet?**

- A) V
- B) U
- C) W
- D) T

**Correct Answer: A**

### ***Reverse Alphabet***

**Q217. In the reverse alphabet (Z=1, Y=2, ..., A=26), the position of 'D' is:**

- A) 22
- B) 23
- C) 24
- D) 21

**Correct Answer: B**

**Q218. Which letter is 10th from the right end of the alphabet?**

- A) P
- B) Q
- C) R
- D) O

**Correct Answer: B**

**Q219. In the reverse order, which letter occupies the 5th position?**

- A) V
- B) U
- C) W
- D) T

**Correct Answer: A**

**Q220. If the alphabet is reversed, the 13th letter is:**

- A) M
- B) N
- C) O
- D) L

**Correct Answer: B**

**Q221. What is the 18th letter from the right in the English alphabet?**

- A) H
- B) I
- C) J
- D) G

**Correct Answer: B**

**Q222. In reverse order (Z, Y, X, ...), the 7th letter is:**

- A) T
- B) S
- C) U
- D) R

**Correct Answer: A**

**Q223. Which letter is at position 20 from the end of the alphabet?**

- A) F
- B) G
- C) H
- D) E

**Correct Answer: B**

**Q224. In reverse, what is the position of 'R'?**

- A) 8
- B) 9
- C) 10
- D) 7

**Correct Answer: B**

### ***Gaps & Midpoint***

**Q225. Which letter is exactly midway between E and Q?**

- A) J
- B) K
- C) L
- D) I

**Correct Answer: B**

**Q226. How many letters are between G and P?**

- A) 7
- B) 8
- C) 9
- D) 6

**Correct Answer: B**

**Q227. The letter midway between H and T is:**

- A) M
- B) N
- C) O
- D) L

**Correct Answer: B**

**Q228. How many letters are between D and L?**

- A) 6
- B) 7
- C) 8
- D) 5

**Correct Answer: B**

**Q229. The letter exactly between M and S is:**

- A) O
- B) P
- C) Q
- D) N

**Correct Answer: B**

**Q230. How many letters lie between B and J in the alphabet?**

- A) 7
- B) 6
- C) 8
- D) 5

**Correct Answer: A**



**Q231. Which letter is midway between A and Y?**

- A) L
- B) M
- C) N
- D) K

**Correct Answer: B**

**Q232. How many letters are between K and R?**

- A) 5
- B) 6
- C) 7
- D) 4

**Correct Answer: B**

**Q233. The letter midway between C and I is:**

- A) E
- B) F
- C) G
- D) D

**Correct Answer: B**

**Q234. How many letters are between N and U?**

- A) 5
- B) 6
- C) 7
- D) 4

**Correct Answer: B**

### *Series Pattern*

**Q235. Find the next letter: A, C, E, G, ?**

- A) H
- B) I
- C) J
- D) K

**Correct Answer: B**

**Q236. Complete the series: B, D, F, H, ?**

- A) I
- B) J
- C) K
- D) L

**Correct Answer: B**

**Q237. Find the missing letter: Z, X, V, T, ?**

- A) S
- B) R
- C) Q
- D) P

**Correct Answer: B**

**Q238. Complete: A, D, G, J, ?**

- A) L
- B) M
- C) N
- D) K

**Correct Answer: B**

**Q239. Find the next: C, F, I, L, ?**

- A) N
- B) O
- C) P
- D) M

**Correct Answer: B**

**Q240. What comes next: A, B, D, G, K, ?**

- A) N
- B) O
- C) P
- D) Q

**Correct Answer: C**

**Q241. Complete: Z, W, T, Q, ?**

- A) O
- B) N
- C) M
- D) P

**Correct Answer: B**

**Q242. Next in the series: B, E, H, K, ?**

- A) M
- B) N
- C) O
- D) L

**Correct Answer: B**

**Q243. Find the next letter: M, N, P, S, ?**

- A) U
- B) V
- C) W
- D) T

**Correct Answer: C**

**Q244. What comes next: A, C, F, J, ?**

- A) N
- B) O
- C) P
- D) M

**Correct Answer: B**

### ***Word Formation***

**Q245. If the letters of 'BRAIN' are arranged alphabetically, which letter is in the middle?**

- A) A
- B) B
- C) I
- D) N

**Correct Answer: C**

**Q246. How many meaningful English words can be formed using the 2nd, 3rd, 6th, and 8th letters of 'COMPUTER'?**

- A) None
- B) One
- C) Two
- D) Three

**Correct Answer: B**

**Q247. If the letters of the word 'ORANGE' are rearranged alphabetically, which letter comes first?**

- A) O
- B) R
- C) A
- D) E

**Correct Answer: C**

**Q248. In the word 'EDUCATION', how many letters are there between E and N as they appear?**

- A) 6
- B) 7
- C) 8
- D) 5

**Correct Answer: B**

**Q249. If the word 'TROUBLE' is written in reverse, the 3rd letter from the right is:**

- A) O
- B) U
- C) B
- D) R

**Correct Answer: A**

**Q250.** In the word 'SHOULDER', if the consonants are arranged in alphabetical order and vowels in alphabetical order, what is the 4th letter?

- A) E
- B) H
- C) L
- D) O

**Correct Answer: D**

**Q251.** If the first and last letters of 'SHARP' are interchanged, the new word formed is:

- A) PHARS
- B) PSARH
- C) PHARH
- D) PHARP

**Correct Answer: D**

**Q252.** In 'QUESTION', how many pairs of letters have as many letters between them as in the alphabet?

- A) 1
- B) 2
- C) 3
- D) 4

**Correct Answer: B**

### *Number-Letter Coding*

**Q253.** If A=1, B=2, ..., Z=26, what is the value of H + E + L + P?

- A) 40
- B) 36
- C) 42
- D) 44

**Correct Answer: C**

**Q254.** If A=26, B=25, ..., Z=1, what is the value of C + A + R?

- A) 56
- B) 53
- C) 50
- D) 47

**Correct Answer: A**

**Q255.** If each vowel is replaced by the next letter: A->B, E->F, I->J, O->P, U->V, what does 'ACE' become?

- A) BCF
- B) BDF
- C) ADF
- D) BCE

**Correct Answer: A**

**Q256.** If A=2, B=4, C=6, ..., Z=52, then G + O + D = ?

- A) 60
- B) 62
- C) 64
- D) 58

**Correct Answer: A**

**Q257.** If letters are coded as their squares (A=1, B=4, C=9, ...), what is the code for D?

- A) 8
- B) 12
- C) 16
- D) 20

**Correct Answer: C**

## Ranking & Order

### *Position from Left/Right*

**Q258.** In a row, Hari is 20th from both ends. Total students in the row?

- A) 39
- B) 40
- C) 41
- D) 38

**Correct Answer: A**

**Q259.** Ram is 11th from the left and 11th from the right. Total people?

- A) 21
- B) 22
- C) 20
- D) 23

**Correct Answer: A**

### *Between Two People*

**Q260.** In a row of 18, A is at position 5 from left and B is at position 5 from right. How many are between them?

- A) 8
- B) 7
- C) 9
- D) 6

**Correct Answer: A**

### *Class Rank*

**Q261.** In a test, Ravi's rank is 13th from both top and bottom. How many students took the test?

- A) 25
- B) 26
- C) 24
- D) 27

**Correct Answer: A**

**Q262.** Geeta's rank improves by 10 to become 5th. Her earlier rank was:

- A) 10th
- B) 15th
- C) 14th
- D) 16th

**Correct Answer: B**

### *Linear Arrangement*

**Q263.** 8 friends sit in a row. A is 3rd from the left. B is 2nd to the right of A. B's position from right end is:

- A) 3rd
- B) 4th
- C) 2nd
- D) 5th

**Correct Answer: A**

### *Position from Left/Right*

**Q264.** In a row of 55 students, X is 22nd from the left. X's position from the right is:

- A) 34th
- B) 33rd
- C) 35th
- D) 32nd

**Correct Answer: A**

### *Interchanging Positions*

**Q265.** In a row, A is 10th from left, B is 12th from right. After swap, A is 12th from right. Minimum students?

- A) 21
- B) 22
- C) 20
- D) 23

**Correct Answer: A**

## Alphabet Reasoning

### *Letter Position*

**Q266. How many letters are in the English alphabet between K and T?**

- A) 8
- B) 7
- C) 9
- D) 6

**Correct Answer: A**

**Q267. Which letter is 3rd to the right of the 14th letter from the left?**

- A) P
- B) Q
- C) R
- D) O

**Correct Answer: B**

### *Reverse Alphabet*

**Q268. What letter is 15th from the right end of the English alphabet?**

- A) K
- B) L
- C) M
- D) J

**Correct Answer: B**

### *Gaps & Midpoint*

**Q269. Midpoint letter between F and L is:**

- A) H
- B) I
- C) J
- D) G

**Correct Answer: B**

### *Series Pattern*

**Q270. Find the next: D, H, L, P, ?**

- A) R
- B) S
- C) T
- D) U

**Correct Answer: C**

**Q271. Next letter: A, E, I, M, ?**

- A) O
- B) P
- C) Q
- D) R

**Correct Answer: C**

**Number-Letter Coding**

**Q272.** If A=1, B=2, ..., Z=26, the value of W + O + R + K = ?

- A) 63
- B) 67
- C) 61
- D) 65

**Correct Answer: B**

**Word Formation**

**Q273.** How many vowels are in the word 'BEAUTIFUL'?

- A) 3
- B) 4
- C) 5
- D) 6

**Correct Answer: C**

**Q274.** If the letters of 'MASTER' are arranged in alphabetical order, which is the last letter?

- A) T
- B) S
- C) R
- D) E

**Correct Answer: A**

**Series Pattern**

**Q275.** Complete: Y, V, S, P, ?

- A) N
- B) M
- C) L
- D) O

**Correct Answer: B**

## Ranking & Order

**Class Rank**

**Q276.** In a class of 39, Rakesh's rank from the top is 14th. His rank from the bottom is:

- A) 25th
- B) 26th
- C) 27th
- D) 24th

**Correct Answer: B**



***Between Two People***

**Q277.** In a row of 42, A is 16th from left and B is 20th from right. How many between them?

- A) 6
- B) 7
- C) 5
- D) 8

**Correct Answer: A**

***Position from Left/Right***

**Q278.** Nita is 25th from the right in a row of 40. Her position from the left is:

- A) 15th
- B) 16th
- C) 17th
- D) 14th

**Correct Answer: B**

***Interchanging Positions***

**Q279.** In a row, X is 7th from left, Y is 9th from right. After swap, X is 9th from right. Total?

- A) 15
- B) 16
- C) 14
- D) 17

**Correct Answer: A**

***Linear Arrangement***

**Q280.** In a row of 10, if P is at position 4 from left, how many are to P's right?

- A) 5
- B) 6
- C) 7
- D) 4

**Correct Answer: B**

***Class Rank***

**Q281.** Sunita was 14th from bottom among 40 students. Her rank from top is:

- A) 27th
- B) 26th
- C) 28th
- D) 25th

**Correct Answer: A**

***Between Two People***

**Q282.** In a row of 32, M is 10th from left and N is 15th from right. Students between M and N?

- A) 7
- B) 8
- C) 6
- D) 9

**Correct Answer: A**

### *Position from Left/Right*

**Q283.** In a row of 27 boys, Suresh is 13th from the left. His position from right is:

- A) 14th
- B) 15th
- C) 16th
- D) 13th

**Correct Answer: B**

### *Class Rank*

**Q284.** Amit's rank in class is 3rd from top. There are 35 students. His rank from bottom is:

- A) 32nd
- B) 33rd
- C) 34th
- D) 31st

**Correct Answer: B**

### *Linear Arrangement*

**Q285.** Six people A to F sit in a row. A is at one end, F is at the other end. B is next to A. C is next to F. D and E are in the middle. Who sits 3rd from the left?

- A) C
- B) D
- C) E
- D) B

**Correct Answer: C**

## Alphabet Reasoning

### *Letter Position*

**Q286.** Which letter comes 4th after the 12th letter of the alphabet?

- A) O
- B) P
- C) Q
- D) N

**Correct Answer: B**

**Reverse Alphabet**

**Q287.** In the reverse alphabet, which letter is at position 14?

- A) L
- B) M
- C) N
- D) K

**Correct Answer: B**

**Gaps & Midpoint**

**Q288.** How many letters are there between R and X?

- A) 4
- B) 5
- C) 6
- D) 3

**Correct Answer: B**

**Series Pattern**

**Q289.** Find the odd one out: A, E, I, O, S

- A) A
- B) I
- C) O
- D) S

**Correct Answer: D**

**Word Formation**

**Q290.** If the first half of the English alphabet is reversed, which letter is at position 10?

- A) D
- B) C
- C) E
- D) F

**Correct Answer: A**

**Number-Letter Coding**

**Q291.** If A=1, B=3, C=5, D=7, ..., what is the value of E?

- A) 8
- B) 9
- C) 10
- D) 11

**Correct Answer: B**

**Gaps & Midpoint**

**Q292.** Which letter is exactly midway between J and P?

- A) L
- B) M
- C) N
- D) K

**Correct Answer: B**

#### *Series Pattern*

**Q293.** What is the next letter in: P, N, L, J, ?

- A) I
- B) H
- C) G
- D) F

**Correct Answer: B**

#### *Letter Position*

**Q294.** The 7th letter from the left plus the 7th letter from the right equals (A=1 scheme):

- A) 26
- B) 27
- C) 28
- D) 25

**Correct Answer: B**

#### *Reverse Alphabet*

**Q295.** In the reverse alphabet series, which letter is 3rd?

- A) X
- B) W
- C) Y
- D) V

**Correct Answer: A**

## Coding & Decoding

#### *Letter Shift*

**Q296.** If CAT is coded as DBU, how is DOG coded?

- A) EPH
- B) CPF
- C) EOH
- D) FOG

**Correct Answer: A**

**Q297. In a code, BALL is written as CBMM. How is PLAY written?**

- A) QMBZ
- B) QMBY
- C) OMBX
- D) OKBX

**Correct Answer: A**

**Q298. If FISH is coded as GITI, how is BEAR coded?**

- A) CFBS
- B) CFAS
- C) CEAQ
- D) CEBR

**Correct Answer: A**

**Q299. If ROAD is coded as URDG, how is SWAN coded?**

- A) VZDQ
- B) VXDQ
- C) VZCQ
- D) TWDQ

**Correct Answer: A**

**Q300. If each letter is replaced by the next letter, PARK becomes:**

- A) QBSL
- B) QBRL
- C) OZKJ
- D) OBSM

**Correct Answer: A**

**Q301. In a code, GONE is written as IQPG (each letter +2). How is COME written?**

- A) EQOG
- B) EQPG
- C) EROG
- D) EQOH

**Correct Answer: A**

**Q302. If MANGO is coded as OCPIQ (+2 each), how is APPLE coded?**

- A) CRRNG
- B) CRRNH
- C) CRRMG
- D) BQQMF

**Correct Answer: A**

**Q303. If PEN is coded as ODM (-1 shift), how is RED coded?**

- A) QDC
- B) SDC
- C) QEC
- D) SDE

**Correct Answer: A**

**Q304. In a code, TIGER is written as UJHFS (+1). How is MOUSE coded?**

- A) NPVTF
- B) NPVSF
- C) NPUTF
- D) MOURF

**Correct Answer: A**

**Q305. If OPEN is written as RSHQ (+3 each), how is SHUT?**

- A) VKXW
- B) VJXW
- C) VKYW
- D) UKXW

**Correct Answer: A**

**Q306. If HOUSE is coded as Krxvh (+3), how is TABLE coded?**

- A) WDEOH
- B) WDEOF
- C) WCEOH
- D) WDFOH

**Correct Answer: A**

**Q307. If GIRL is written as JLUQ (+3), then BODY is:**

- A) ERGB
- B) ERFB
- C) ERGY
- D) ERHB

**Correct Answer: A**

**Q308. In a code where A=Z, B=Y, C=X, ..., COLD is written as:**

- A) XLOW
- B) XLOY
- C) XLOG
- D) XLOW

**Correct Answer: A**

**Q309. If RAIN is coded as UCJQ (+3 skip), how is SNOW coded?**

- A) VQRZ
- B) VSRZ
- C) VPRZ
- D) UQRY

**Correct Answer: A**

**Q310. If each letter is replaced by two positions ahead, DESK becomes:**

- A) FGUM
- B) FGVM
- C) FGTM
- D) EGUM

**Correct Answer: A**

**Reverse Coding**

**Q311. If CLOCK is written as KCOLC (reverse), how is TIMER?**

- A) REMIT
- B) RMIIT
- C) RMITE
- D) RIMIT

**Correct Answer: A**

**Q312. If WATER is coded as RETAW, how is FIRE coded?**

- A) ERIF
- B) EFIR
- C) IRFE
- D) REFI

**Correct Answer: A**

**Q313. If TRAIN is written as NIART, then PLANE is:**

- A) ENALP
- B) ENAPL
- C) ENPAL
- D) NAELP

**Correct Answer: A**

**Q314. In a code, GARDEN is NEDRAG. How is FLOWER?**

- A) REWOLF
- B) ROWELF
- C) REWLOF
- D) REFLWO

**Correct Answer: A**

**Q315. If EARTH is coded as HTRAE, how is OCEAN?**

- A) NAECO
- B) NCEAO
- C) NOCAE
- D) NEACO

**Correct Answer: A**

**Q316. If DELHI is coded as IHLED, how is MUMBAI coded?**

- A) IABMUM
- B) IMBMUA
- C) IABMMU
- D) IABUMM

**Correct Answer: A**

**Word Pattern**

**Q317. If FACE is coded as 6135, then CODE is coded as:**

- A) 3145
- B) 3154
- C) 3155
- D) 3155

**Correct Answer: A**

**Q318. If in a code APPLE = 50, GRAPE = 50, then MANGO = ?**

- A) 50
- B) 57
- C) 55
- D) 60

**Correct Answer: B**

**Q319. If SUN is coded as 54 (19+21+14), what is the code for MOON?**

- A) 57
- B) 51
- C) 53
- D) 56

**Correct Answer: A**

**Q320. If PEN = 35 (16+5+14), then INK = ?**

- A) 30
- B) 33
- C) 27
- D) 29

**Correct Answer: B**

**Q321. If DOG = 26 (4+15+7), then CAT = ?**

- A) 24
- B) 22
- C) 25
- D) 23

**Correct Answer: A**

**Q322. If GREEN is coded as 49 (7+18+5+5+14), then BLUE = ?**

- A) 40
- B) 42
- C) 44
- D) 38

**Correct Answer: B**

**Q323. If RED = 27, then BED = ?**

- A) 11
- B) 9
- C) 12
- D) 10

**Correct Answer: A**



**Q324. If BOOK = 42 (2+15+15+11), then COOK = ?**

- A) 43
- B) 44
- C) 45
- D) 46

**Correct Answer: B**

**Q325. If in a code, BAD = 7, then GOOD = ?**

- A) 34
- B) 36
- C) 40
- D) 42

**Correct Answer: C**

**Q326. If TAP = 37 (20+1+16), then PAT = ?**

- A) 37
- B) 35
- C) 39
- D) 41

**Correct Answer: A**

### ***Number Substitution***

**Q327. If 1=A, 2=B, ..., 26=Z, then 3-1-20 spells:**

- A) CAR
- B) CAT
- C) CAN
- D) CAP

**Correct Answer: B**

**Q328. If 2-1-12-12 is coded, the word is:**

- A) BELL
- B) BALL
- C) BILL
- D) BULL

**Correct Answer: B**

**Q329. Decode: 8-5-12-16. The word is:**

- A) HELP
- B) HEAP
- C) HELD
- D) HELM

**Correct Answer: A**

**Q330. If KING = 11-9-14-7, then QUEEN = ?**

- A) 17-21-5-5-14
- B) 16-21-5-5-14
- C) 17-20-5-5-14
- D) 18-21-5-5-14

**Correct Answer: A**

**Q331. Coded as 4-15-7, this word is:**

- A) DOG
- B) DIG
- C) DAG
- D) DOT

**Correct Answer: A**

**Q332. The number code 19-20-1-18 represents the word:**

- A) STAR
- B) STAY
- C) STEP
- D) STEM

**Correct Answer: A**

**Q333. If FISH = 6-9-19-8, then DISH = ?**

- A) 4-9-19-8
- B) 4-8-19-8
- C) 4-9-18-8
- D) 3-9-19-8

**Correct Answer: A**

**Q334. Decode: 13-1-14. The word is:**

- A) MAN
- B) MAP
- C) MAR
- D) MAT

**Correct Answer: A**

### ***Mixed Coding***

**Q335. If DELHI is coded as 73541 and CALCUTTA as 82589662, how is TALL coded?**

- A) 6255
- B) 6244
- C) 6233
- D) 6211

**Correct Answer: A**

**Q336. In a code, BREAD = ESFBE. What is the pattern?**

- A) Each letter shifted forward by different amounts
- B)  $B+3=E$ ,  $R+1=S$ ,  $E+1=F$ ,  $A+1=B$ ,  $D+1=E$
- C) Random pattern
- D) Reverse coding

**Correct Answer: B**

**Q337. If PENCIL is coded as RGPEKN (each letter +2), how is ERASER?**

- A) GTCUGT
- B) GTCUHS
- C) GRDUFR
- D) GSCUFR

**Correct Answer: A**

**Q338. If CHAIR is coded as DIBJS (+1 each), how is TABLE?**

- A) UBCMF
- B) UBCMG
- C) UBCKF
- D) UBDMF

**Correct Answer: A**

**Q339. If GO = 32 (7+15), COME = 36 (3+15+13+5), then BACK = ?**

- A) 17
- B) 18
- C) 14
- D) 20

**Correct Answer: B**

**Q340. If WHITE is coded as 65 (23+8+9+20+5), then BLACK = ?**

- A) 29
- B) 30
- C) 31
- D) 32

**Correct Answer: A**

**Q341. In a code, if MAP is written as PDP (+3 each), then KEY is:**

- A) NHB
- B) NHC
- C) NGB
- D) MHB

**Correct Answer: A**

**Q342. If ZEBRA is coded as AFCSB (+1 shift), then HORSE is:**

- A) IPSIF
- B) IPRTF
- C) IPSIE
- D) IQSIF

**Correct Answer: A**

**Q343. If NUMBER is coded as OVNCFS (+1 each), then DIGITAL is:**

- A) EJHJUBM
- B) EJHJUAL
- C) EJHJTBM
- D) DIHJUBM

**Correct Answer: A**

## Number Series

### *Missing Term*

**Q344. Find the next number: 2, 4, 8, 16, ?**

- A) 20
- B) 24
- C) 30
- D) 32

**Correct Answer: D**

**Q345. Complete: 3, 6, 9, 12, ?**

- A) 14
- B) 15
- C) 16
- D) 18

**Correct Answer: B**

**Q346. Next in series: 5, 10, 20, 40, ?**

- A) 50
- B) 60
- C) 80
- D) 100

**Correct Answer: C**

**Q347. Find the missing term: 1, 4, 9, 16, 25, ?**

- A) 30
- B) 35
- C) 36
- D) 49

**Correct Answer: C**

**Q348. What comes next: 1, 1, 2, 3, 5, 8, ?**

- A) 11
- B) 12
- C) 13
- D) 10

**Correct Answer: C**

**Q349. Complete: 7, 14, 21, 28, ?**

- A) 32
- B) 34
- C) 35
- D) 42

**Correct Answer: C**

**Q350. Next number: 100, 90, 80, 70, ?**

- A) 65
- B) 60
- C) 50
- D) 55

**Correct Answer: B**

**Q351. Find the next: 2, 6, 18, 54, ?**

- A) 108
- B) 162
- C) 72
- D) 216

**Correct Answer: B**

**Q352. Complete the series: 1, 3, 7, 15, 31, ?**

- A) 47
- B) 55
- C) 63
- D) 72

**Correct Answer: C**

**Q353. Next in: 11, 22, 33, 44, ?**

- A) 54
- B) 55
- C) 45
- D) 66

**Correct Answer: B**

**Q354. Find: 1, 8, 27, 64, ?**

- A) 100
- B) 125
- C) 150
- D) 216

**Correct Answer: B**

**Q355. What comes next: 2, 3, 5, 7, 11, ?**

- A) 12
- B) 13
- C) 14
- D) 15

**Correct Answer: B**

**Q356. Complete: 4, 9, 16, 25, ?**

- A) 30
- B) 36
- C) 49
- D) 64

**Correct Answer: B**

**Q357. Next: 6, 11, 16, 21, ?**

- A) 25
- B) 26
- C) 31
- D) 24

**Correct Answer: B**

**Q358. Find next: 3, 9, 27, 81, ?**

- A) 162
- B) 243
- C) 324
- D) 100

**Correct Answer: B**

### *Wrong Term*

**Q359. Which number is wrong: 2, 5, 10, 17, \_\_(28)\_\_, 37?**

- A) 5
- B) 10
- C) 28
- D) 37

**Correct Answer: C**

**Q360. Find the wrong number: 1, 2, 6, 24, 96, 720**

- A) 6
- B) 24
- C) 96
- D) 720

**Correct Answer: C**

**Q361. Spot the error: 3, 6, 12, 24, 47, 96**

- A) 6
- B) 12
- C) 47
- D) 96

**Correct Answer: C**

**Q362. Which is wrong: 2, 3, 5, 9, 16, 33?**

- A) 5  
B) 9  
C) 16  
D) 33

**Correct Answer: C**

**Q363. Find the wrong number: 1, 4, 9, 15, 25, 36**

- A) 4  
B) 15  
C) 25  
D) 36

**Correct Answer: B**

**Q364. Wrong number: 5, 10, 15, 22, 25, 30**

- A) 10  
B) 22  
C) 25  
D) 30

**Correct Answer: B**

Q365. Which does not fit: 121, 144, 169, —(196)—, —(—(—(225)—)—),  
—(—(—(—(—(255)—)—)—)—)—)

- A) 121  
B) 196  
C) 225  
D) 255

**Correct Answer: D**

**Q366. Find the wrong number: 8, 27, 64, 100, 216**

- A) 27  
B) 64  
C) 100  
D) 216

**Correct Answer: C**

### Arithmetic Pattern

**Q367. 5, 12, 19, 26, 33, ? (common difference 7)**

- A) 39  
B) 40  
C) 41  
D) 38

**Correct Answer: B**

**Q368. 10, 15, 20, 25, ? (difference 5)**

- A) 28
- B) 29
- C) 30
- D) 35

**Correct Answer: C**

**Q369. 17, 22, 27, 32, ?**

- A) 36
- B) 37
- C) 38
- D) 35

**Correct Answer: B**

**Q370. 100, 92, 84, 76, ?**

- A) 60
- B) 64
- C) 68
- D) 72

**Correct Answer: C**

**Q371. 3, 8, 13, 18, 23, ?**

- A) 26
- B) 27
- C) 28
- D) 29

**Correct Answer: C**

**Q372. 50, 44, 38, 32, ?**

- A) 28
- B) 26
- C) 24
- D) 20

**Correct Answer: B**

**Q373. 1, 5, 9, 13, ?**

- A) 15
- B) 16
- C) 17
- D) 18

**Correct Answer: C**

**Q374. 200, 190, 180, 170, ?**

- A) 165
- B) 160
- C) 155
- D) 150

**Correct Answer: B**



**Geometric Pattern**

**Q375. 2, 8, 32, 128, ? (x4)**

- A) 256
- B) 512
- C) 384
- D) 640

**Correct Answer: B**

**Q376. 5, 15, 45, 135, ? (x3)**

- A) 270
- B) 405
- C) 505
- D) 810

**Correct Answer: B**

**Q377. 1, 2, 4, 8, 16, ? (x2)**

- A) 20
- B) 24
- C) 30
- D) 32

**Correct Answer: D**

**Q378. 7, 21, 63, 189, ? (x3)**

- A) 378
- B) 567
- C) 756
- D) 945

**Correct Answer: B**

**Q379. 10, 50, 250, 1250, ? (x5)**

- A) 6250
- B) 5250
- C) 3750
- D) 2500

**Correct Answer: A**

**Q380. 6, 12, 24, 48, ? (x2)**

- A) 60
- B) 72
- C) 96
- D) 84

**Correct Answer: C**

**Q381. 4, 20, 100, 500, ? (x5)**

- A) 1000
- B) 1500
- C) 2000
- D) 2500

**Correct Answer: D**

**Q382. 3, 12, 48, 192, ? (x4)**

- A) 384
- B) 576
- C) 768
- D) 960

**Correct Answer: C**

***Mixed Pattern***

**Q383. 2, 3, 5, 8, 12, 17, ? (differences increase by 1)**

- A) 20
- B) 21
- C) 22
- D) 23

**Correct Answer: D**

**Q384. 1, 2, 4, 7, 11, 16, ?**

- A) 20
- B) 22
- C) 24
- D) 25

**Correct Answer: B**

**Q385. 3, 5, 9, 15, 23, ?**

- A) 30
- B) 33
- C) 35
- D) 37

**Correct Answer: B**

**Q386. 2, 5, 11, 23, 47, ?**

- A) 89
- B) 93
- C) 95
- D) 99

**Correct Answer: C**

**Q387. 1, 4, 13, 40, ?**

- A) 121
- B) 120
- C) 110
- D) 100

**Correct Answer: A**

**Q388. 4, 7, 12, 19, 28, ?**

- A) 37
- B) 38
- C) 39
- D) 40

**Correct Answer: C**

**Q389. 2, 6, 12, 20, 30, ?**

- A) 40
- B) 42
- C) 44
- D) 38

**Correct Answer: B**

**Q390. 1, 3, 6, 10, 15, 21, ? (triangular numbers)**

- A) 25
- B) 26
- C) 27
- D) 28

**Correct Answer: D**

## Coding & Decoding

### *Letter Shift*

**Q391. If HIT = IJU (+1), then MISS = ?**

- A) NJTT
- B) NKTT
- C) NJTU
- D) NJSS

**Correct Answer: A**

**Q392. If DARK = FCTN (+2 each), how is LIGHT coded?**

- A) NKIJV
- B) NKIJW
- C) NKIJT
- D) MKIJV

**Correct Answer: A**

**Reverse Coding**

**Q393.** If COMPUTER is coded as RETUPMOC, then PROGRAM is:

- A) MARGORP
- B) MARGRPO
- C) MARGOPR
- D) MRAGORP

**Correct Answer: A**

**Word Pattern**

**Q394.** If MATH = 42 (13+1+20+8), then HOME = ?

- A) 36
- B) 38
- C) 40
- D) 42

**Correct Answer: B**

**Mixed Coding**

**Q395.** If A=1, B=2, C=3, what is the code for the word FAD?

- A) 10
- B) 11
- C) 12
- D) 9

**Correct Answer: A**

## Number Series

**Missing Term**

**Q396.** Next term: 0, 1, 1, 2, 3, 5, 8, 13, ?

- A) 18
- B) 20
- C) 21
- D) 17

**Correct Answer: C**

**Q397.** Find next: 10, 20, 40, 80, ?

- A) 100
- B) 120
- C) 160
- D) 200

**Correct Answer: C**

***Arithmetic Pattern***

**Q398.** 15, 25, 35, 45, ?

- A) 50
- B) 55
- C) 60
- D) 65

**Correct Answer: B**

***Geometric Pattern***

**Q399.** 1, 3, 9, 27, ?

- A) 54
- B) 72
- C) 81
- D) 108

**Correct Answer: C**

***Mixed Pattern***

**Q400.** 1, 2, 6, 24, 120, ?

- A) 240
- B) 600
- C) 720
- D) 840

**Correct Answer: C**

***Wrong Term***

**Q401.** Which is wrong: 2, 4, 8, 14, 32?

- A) 4
- B) 8
- C) 14
- D) 32

**Correct Answer: C**

***Missing Term***

**Q402.** 2, 5, 10, 17, 26, ?

- A) 33
- B) 35
- C) 37
- D) 39

**Correct Answer: C**

***Arithmetic Pattern***

**Q403. 8, 11, 14, 17, ?**

- A) 19
- B) 20
- C) 21
- D) 22

**Correct Answer: B**

***Mixed Pattern***

**Q404. 1, 4, 9, 16, 25, 36, ?**

- A) 42
- B) 45
- C) 49
- D) 50

**Correct Answer: C**

***Geometric Pattern***

**Q405. 1000, 500, 250, 125, ?**

- A) 62.5
- B) 60
- C) 55
- D) 50

**Correct Answer: A**

## Coding & Decoding

***Letter Shift***

**Q406. If FOOD is coded as HQQF (+2 each), how is GOOD?**

- A) IQQF
- B) IQQG
- C) IQQD
- D) HQQF

**Correct Answer: A**

***Number Substitution***

**Q407. Decode: 18-1-9-14. The word is:**

- A) RAIN
- B) RAIL
- C) RAMP
- D) RAID

**Correct Answer: A**

## Number Series

### *Missing Term*

**Q408.** What comes next: 256, 128, 64, 32, ?

- A) 8
- B) 12
- C) 16
- D) 24

**Correct Answer: C**

### *Wrong Term*

**Q409.** Find wrong number: 1, 2, 3, 5, 8, 13, 20

- A) 3
- B) 5
- C) 13
- D) 20

**Correct Answer: D**

## Cube & Dice Logic

### *Painted Cube*

**Q410.** A cube is painted red on all faces and cut into 27 equal smaller cubes. How many small cubes have 3 faces painted?

- A) 6
- B) 8
- C) 12
- D) 1

**Correct Answer: B**

**Q411.** A cube is painted and cut into 27 smaller cubes. How many have exactly 2 faces painted?

- A) 6
- B) 8
- C) 12
- D) 10

**Correct Answer: C**

**Q412.** A cube painted on all sides is cut into 27 small cubes. How many have exactly 1 face painted?

- A) 6
- B) 8
- C) 12
- D) 1

**Correct Answer: A**

**Q413. A cube painted on all faces is cut into 27 smaller cubes. How many have no face painted?**

- A) 0
- B) 1
- C) 6
- D) 8

**Correct Answer: B**

**Q414. A cube is painted blue on all faces and cut into 64 smaller cubes (4x4x4). How many have 3 faces painted?**

- A) 4
- B) 6
- C) 8
- D) 12

**Correct Answer: C**

**Q415. A 4x4x4 cube painted on all faces: how many small cubes have exactly 2 painted faces?**

- A) 12
- B) 24
- C) 16
- D) 8

**Correct Answer: B**

**Q416. A 4x4x4 cube painted on all faces: how many have exactly 1 face painted?**

- A) 8
- B) 12
- C) 16
- D) 24

**Correct Answer: D**

**Q417. A 4x4x4 painted cube: how many small cubes have no paint at all?**

- A) 0
- B) 1
- C) 4
- D) 8

**Correct Answer: D**

**Q418. A cube is painted and divided into 125 smaller cubes (5x5x5). How many have 3 painted faces?**

- A) 6
- B) 8
- C) 12
- D) 10

**Correct Answer: B**



**Q419. A 5x5x5 painted cube: how many cubes have exactly 2 faces painted?**

- A) 24
- B) 30
- C) 36
- D) 12

**Correct Answer: C**

**Q420. A 5x5x5 painted cube: how many have exactly 1 face painted?**

- A) 54
- B) 48
- C) 36
- D) 24

**Correct Answer: A**

**Q421. A 5x5x5 painted cube: how many have no face painted?**

- A) 8
- B) 12
- C) 27
- D) 1

**Correct Answer: C**

**Q422. A 2x2x2 painted cube: how many small cubes have 3 faces painted?**

- A) 2
- B) 4
- C) 6
- D) 8

**Correct Answer: D**

**Q423. A 2x2x2 painted cube: how many have exactly 2 faces painted?**

- A) 0
- B) 4
- C) 8
- D) 12

**Correct Answer: A**

**Q424. A painted cube cut into 8 smaller cubes (2x2x2): how many have 0 faces painted?**

- A) 0
- B) 1
- C) 2
- D) 4

**Correct Answer: A**

***Dice Faces***

**Q425. On a standard die, opposite faces sum to:**

- A) 6
- B) 7
- C) 8
- D) 9

**Correct Answer: B**

**Q426. On a standard die, 1 is opposite to:**

- A) 2
- B) 3
- C) 5
- D) 6

**Correct Answer: D**

**Q427. On a standard die, 2 is opposite to:**

- A) 1
- B) 3
- C) 4
- D) 5

**Correct Answer: D**

**Q428. On a standard die, 3 is opposite to:**

- A) 1
- B) 2
- C) 4
- D) 6

**Correct Answer: C**

**Q429. If a die shows 4 on top, the bottom face has:**

- A) 1
- B) 2
- C) 3
- D) 5

**Correct Answer: C**

**Q430. A die is rolled and shows 5 on top. The number on the bottom is:**

- A) 1
- B) 2
- C) 3
- D) 6

**Correct Answer: B**

**Q431. How many faces does a cube have?**

- A) 4
- B) 5
- C) 6
- D) 8

**Correct Answer: C**

**Q432. How many edges does a cube have?**

- A) 6
- B) 8
- C) 10
- D) 12

**Correct Answer: D**

**Q433. How many vertices (corners) does a cube have?**

- A) 4
- B) 6
- C) 8
- D) 12

**Correct Answer: C**

**Q434. Two dice are rolled. The maximum sum of top faces is:**

- A) 10
- B) 11
- C) 12
- D) 13

**Correct Answer: C**

### ***Dice Rotation***

**Q435. A die has 3 on top. When rotated towards North, the new top face (if 5 was facing North) is:**

- A) 2
- B) 4
- C) 5
- D) 6

**Correct Answer: C**

**Q436. If a die with 1 on top is rotated once towards you (South), 2 was facing you. Now on top is:**

- A) 5
- B) 2
- C) 4
- D) 3

**Correct Answer: B**

**Q437. A die shows 6 on top. If rotated to the right once, and 3 was on the right face, now on top is:**

- A) 3
- B) 4
- C) 1
- D) 2

**Correct Answer: A**

**Q438. Two positions of a die are shown: (1) Top=2, Front=1 (2) Top=3, Front=1. What is opposite to 2?**

- A) 5
- B) 4
- C) 3
- D) 6

**Correct Answer: C**

**Q439. In two views of a die: (1) Top=1, Front=2, Right=3 and (2) Top=4, Front=2, Right=3. Opposite of 1 is:**

- A) 6
- B) 5
- C) 3
- D) 4

**Correct Answer: D**

**Q440. A die is rotated from position top=1 twice to the left. If the right face was 3 and front was 2, the new top is:**

- A) 4
- B) 5
- C) 3
- D) 6

**Correct Answer: C**

### ***Unfolded Cube***

**Q441. A cube net (cross shape) has face A at center. The face opposite to A is:**

- A) The face 2 squares away from A in a straight line
- B) The face adjacent to A
- C) A itself
- D) There is no opposite

**Correct Answer: A**

**Q442. An unfolded cube has 6 faces. How many different nets (unfoldings) of a cube exist?**

- A) 6
- B) 10
- C) 11
- D) 12

**Correct Answer: C**

**Q443. In a cube net shaped like a 'T', the bottom of the T is opposite to:**

- A) The top of the T
- B) The left of the T
- C) Two squares above bottom
- D) The rightmost square

**Correct Answer: C**

**Q444.** In a cross-shaped cube net, if 1 is at center, 2 is on top, 3 is on right, 4 is on bottom, 5 is on left, 6 is two squares above center, then opposite of 1 is:

- A) 6
- B) 2
- C) 3
- D) 4

**Correct Answer: A**

**Q445.** When folding a cube net, adjacent squares in the net become:

- A) Opposite faces
- B) Adjacent faces
- C) The same face
- D) Diagonal faces

**Correct Answer: B**

### *Counting / Stacking*

**Q446.** If 8 unit cubes are arranged to form a larger cube, the side of the larger cube is:

- A) 2 units
- B) 3 units
- C) 4 units
- D) 8 units

**Correct Answer: A**

**Q447.** 27 small cubes form a bigger cube. How many small cubes are completely hidden inside?

- A) 0
- B) 1
- C) 8
- D) 27

**Correct Answer: B**

**Q448.** 64 cubes arranged in a 4x4x4 cube: cubes on the surface only?

- A) 48
- B) 56
- C) 60
- D) 64

**Correct Answer: B**

**Q449.** In a stack of cubes 3 wide, 3 deep, 3 high: total cubes on edges (including corners)?

- A) 12
- B) 20
- C) 24
- D) 8

**Correct Answer: B**

**Q450.** If you stack 6 cubes in a single row, how many faces are visible (from outside)?

- A) 22
- B) 24
- C) 26
- D) 20

**Correct Answer: C**

**Q451.** A  $3 \times 3 \times 3$  cube is built from unit cubes. Total surface area (in unit face squares)?

- A) 27
- B) 36
- C) 45
- D) 54

**Correct Answer: D**

## Age-based Logic

### *Present Age*

**Q452.** Ram is twice as old as Shyam. If Shyam is 15, Ram's age is:

- A) 25
- B) 30
- C) 20
- D) 35

**Correct Answer: B**

**Q453.** A is 5 years older than B. If B is 20, how old is A?

- A) 15
- B) 20
- C) 25
- D) 30

**Correct Answer: C**

**Q454.** The ages of A and B are in the ratio 3:4. If A is 24, B is:

- A) 28
- B) 30
- C) 32
- D) 36

**Correct Answer: C**

**Q455.** If a father is 4 times as old as his son and the son is 10 years old, the father is:

- A) 30
- B) 35
- C) 40
- D) 45

**Correct Answer: C**

**Q456. P's age is three times Q's age. If Q is 12, then P's age is:**

- A) 24
- B) 30
- C) 36
- D) 48

**Correct Answer: C**

**Q457. Sum of ages of A and B is 50. A is 20. B's age is:**

- A) 20
- B) 25
- C) 30
- D) 35

**Correct Answer: C**

**Q458. Rahul is half the age of his uncle. If uncle is 48, Rahul is:**

- A) 12
- B) 18
- C) 20
- D) 24

**Correct Answer: D**

**Q459. A mother is 25 years older than her daughter. If the daughter is 18, mother's age is:**

- A) 40
- B) 42
- C) 43
- D) 45

**Correct Answer: C**

**Q460. X is 3 years younger than Y. If Y is 28, X is:**

- A) 25
- B) 26
- C) 27
- D) 31

**Correct Answer: A**

**Q461. The ages of three friends are 15, 20, and 25. Their average age is:**

- A) 18
- B) 19
- C) 20
- D) 21

**Correct Answer: C**

***Future Age***

**Q462. A man is 30 years old now. How old will he be in 12 years?**

- A) 40
- B) 42
- C) 44
- D) 38

**Correct Answer: B**

**Q463. If Anu is 10 now, her age after 5 years will be:**

- A) 12
- B) 13
- C) 14
- D) 15

**Correct Answer: D**

**Q464. A father is 40 and son is 10. In how many years will the father be twice the son's age?**

- A) 10
- B) 15
- C) 20
- D) 25

**Correct Answer: C**

**Q465. Ram is 25 now. Shyam is 15 now. After how many years will Ram be 1.5 times Shyam's age?**

- A) 5
- B) 10
- C) 15
- D) 20

**Correct Answer: A**

**Q466. A is 32, B is 8. In how many years will A be 3 times B's age?**

- A) 2
- B) 4
- C) 6
- D) 8

**Correct Answer: B**

**Q467. Present ages: Mother = 36, Daughter = 12. In how many years will mother be twice daughter's age?**

- A) 6
- B) 8
- C) 10
- D) 12

**Correct Answer: D**

**Q468. If Ravi is 20 now, after how many years will his age be 35?**

- A) 10
- B) 12
- C) 15
- D) 18

**Correct Answer: C**



**Q469.** The sum of current ages of A and B is 40. After 5 years, their sum will be:

- A) 45
- B) 48
- C) 50
- D) 55

**Correct Answer: C**

**Q470.** X's age is 18 now. In 7 years, X's age will be:

- A) 22
- B) 23
- C) 24
- D) 25

**Correct Answer: D**

**Q471.** A person's age doubles in 30 years. His current age is:

- A) 15
- B) 20
- C) 25
- D) 30

**Correct Answer: D**

### ***Past Age***

**Q472.** Ravi is 25 now. What was his age 10 years ago?

- A) 10
- B) 12
- C) 15
- D) 20

**Correct Answer: C**

**Q473.** 3 years ago, A was 4 times as old as B. A is 27 now. B's present age is:

- A) 6
- B) 9
- C) 10
- D) 12

**Correct Answer: B**

**Q474.** 5 years ago, P's age was 20. P's current age is:

- A) 15
- B) 20
- C) 25
- D) 30

**Correct Answer: C**

**Q475.** 4 years ago, the ratio of A's to B's age was 3:2. Now A is 19. B's current age is:

- A) 12
- B) 14
- C) 16
- D) 18

**Correct Answer: B**

**Q476.** 10 years ago, Mohan was half the age of Sohan. Sohan is 40 now. Mohan's current age is:

- A) 20
- B) 22
- C) 25
- D) 30

**Correct Answer: C**

**Q477.** 6 years ago, the ages of A and B were equal. Now A is 24. B's current age is:

- A) 18
- B) 20
- C) 22
- D) 24

**Correct Answer: D**

**Q478.** 2 years ago, a mother was 6 times her son's age. The son is 5 now. Mother's current age is:

- A) 16
- B) 18
- C) 20
- D) 22

**Correct Answer: C**

**Q479.** 8 years ago, X was thrice Y. Now X is 32. Y's present age is:

- A) 14
- B) 16
- C) 18
- D) 20

**Correct Answer: B**

### ***Ratio Problems***

**Q480.** Ages of A and B are in ratio 2:3. Sum of their ages is 50. A's age is:

- A) 15
- B) 18
- C) 20
- D) 25

**Correct Answer: C**

**Q481. The ratio of ages of a father and son is 7:2. If the father is 42, the son is:**

- A) 10
- B) 12
- C) 14
- D) 16

**Correct Answer: B**

**Q482. A and B's ages are in ratio 5:3. If A is 10 years older, B's age is:**

- A) 10
- B) 12
- C) 15
- D) 20

**Correct Answer: C**

**Q483. Ages in ratio 4:5 with difference 6 years. The younger person's age is:**

- A) 20
- B) 22
- C) 24
- D) 26

**Correct Answer: C**

**Q484. The ratio of P and Q's ages 5 years hence will be 4:3. P is 23 now. Q's current age is:**

- A) 16
- B) 17
- C) 18
- D) 19

**Correct Answer: A**

**Q485. Present ages of X and Y are in ratio 3:5. After 10 years, ratio becomes 1:2. X's current age is:**

- A) 30
- B) 20
- C) 15
- D) 25

**Correct Answer: A**

**Q486. Father to son age ratio is 5:1. After 5 years, ratio is 3:1. Father's present age is:**

- A) 25
- B) 30
- C) 35
- D) 40

**Correct Answer: A**

**Q487. Ratio of A:B ages = 6:5. If sum of ages is 44, A is:**

- A) 22
- B) 24
- C) 26
- D) 20

**Correct Answer: B**

**Complex Problems**

**Q488.** The product of ages of A and B is 120. A is older by 2 years. Find A's age.

- A) 10
- B) 12
- C) 14
- D) 8

**Correct Answer: B**

**Q489.** Sum of ages of a husband and wife is 70. The husband is 6 years older. Wife's age is:

- A) 30
- B) 32
- C) 34
- D) 36

**Correct Answer: B**

**Q490.** A is twice B's age. 5 years ago, A was 3 times B's age. B's current age is:

- A) 8
- B) 10
- C) 12
- D) 15

**Correct Answer: B**

**Q491.** The sum of the ages of 5 members of a family is 100. Average age is:

- A) 18
- B) 20
- C) 22
- D) 25

**Correct Answer: B**

**Q492.** A man was 24 when his son was born. Now the son is 18. Father's current age is:

- A) 36
- B) 40
- C) 42
- D) 44

**Correct Answer: C**

**Q493.** If I add 5 to twice my age, I get 45. My age is:

- A) 18
- B) 19
- C) 20
- D) 22

**Correct Answer: C**

**Q494.** A is older than B by 2 years. B is older than C by 3 years. If C is 10, A is:

- A) 14
- B) 15
- C) 16
- D) 17

**Correct Answer: B**

**Q495.** 10 years hence, A will be twice as old as B was 10 years ago. A is 30 now. B is now:

- A) 20
- B) 25
- C) 30
- D) 35

**Correct Answer: B**

**Q496.** At birth of the younger child, the elder child was 5. Now their sum is 25. Elder child's age is:

- A) 15
- B) 14
- C) 13
- D) 12

**Correct Answer: A**

**Q497.** Three people X, Y, Z:  $X+Y=40$ ,  $Y+Z=30$ ,  $Z+X=34$ . Find Y's age.

- A) 18
- B) 20
- C) 22
- D) 16

**Correct Answer: A**

## Cube & Dice Logic

### *Painted Cube*

**Q498.** A cube painted green on two opposite faces and red on rest, then cut into 27 cubes. How many have only green?

- A) 2
- B) 4
- C) 6
- D) 8

**Correct Answer: A**

**Q499.** A  $3 \times 3 \times 3$  cube has one face painted. How many small cubes have paint on them?

- A) 9
- B) 6
- C) 3
- D) 1

**Correct Answer: A**

***Dice Faces***

**Q500.** Two dice are thrown. What is the minimum possible sum?

- A) 1
- B) 2
- C) 3
- D) 4

**Correct Answer: B**

**Q501.** On a standard die, if 4 faces towards you and 3 is on your right, what is on top?

- A) 1
- B) 2
- C) 5
- D) 6

**Correct Answer: B**

***Dice Rotation***

**Q502.** Three views of a die: (1) 1,2,3 visible (2) 1,5,3 visible (3) 3,4,5 visible. Opposite of 1 is:

- A) 3
- B) 4
- C) 5
- D) 6

**Correct Answer: B**

***Counting / Stacking***

**Q503.** 125 unit cubes form a 5x5x5 cube. How many cubes are on the surface?

- A) 96
- B) 98
- C) 100
- D) 102

**Correct Answer: B**

***Unfolded Cube***

**Q504.** Which of the following CANNOT be a cube net? A 2x3 rectangle, a cross shape, a T shape, or a straight line of 6?

- A) 2x3 rectangle
- B) Cross shape
- C) T shape
- D) Straight line of 6

**Correct Answer: D**

***Painted Cube***

**Q505. A 6x6x6 cube painted on all faces: how many small cubes have 3 faces painted?**

- A) 6
- B) 8
- C) 12
- D) 24

**Correct Answer: B**

## Age-based Logic

### *Present Age*

**Q506. Average age of 3 children in a family is 8 years. Average including parents is 20. Sum of parents' ages is:**

- A) 52
- B) 64
- C) 76
- D) 80

**Correct Answer: C**

### *Future Age*

**Q507. The present ages of A and B differ by 16 years. 6 years ago, the elder was 3 times the younger. The present age of the elder is:**

- A) 24
- B) 26
- C) 28
- D) 30

**Correct Answer: C**

### *Past Age*

**Q508. 7 years ago, P was 7 times Q's age. P's age is 5 times Q's age now. P's current age is:**

- A) 25
- B) 30
- C) 35
- D) 40

**Correct Answer: C**

### *Ratio Problems*

**Q509. A's age is to B's age as 3:7. After 6 years, ratio becomes 1:2. A's present age is:**

- A) 6
- B) 8
- C) 12
- D) 18

**Correct Answer: C**

**Complex Problems**

**Q510.** A father is 30 years older than his son. In 12 years, he will be twice his son's age. Son's present age?

- A) 14
- B) 16
- C) 18
- D) 20

**Correct Answer: C**

**Ratio-based Logic****Basic Ratio**

**Q511.** A and B share money in ratio 3:5. Total is Rs.400. A gets:

- A) Rs.100
- B) Rs.150
- C) Rs.200
- D) Rs.250

**Correct Answer: B**

**Q512.** Divide 72 in the ratio 4:5. The larger part is:

- A) 32
- B) 36
- C) 40
- D) 42

**Correct Answer: C**

**Q513.** The ratio of boys to girls in a class is 3:2. If there are 30 boys, girls are:

- A) 15
- B) 18
- C) 20
- D) 25

**Correct Answer: C**

**Q514.** A and B's incomes are in ratio 7:5. If A earns Rs.14000, B earns:

- A) Rs.8000
- B) Rs.9000
- C) Rs.10000
- D) Rs.12000

**Correct Answer: C**



**Q515. If  $2:3 = 8:x$ , then  $x = ?$**

- A) 10
- B) 12
- C) 14
- D) 16

**Correct Answer: B**

**Q516. Divide 120 in the ratio 2:3:5. The middle part is:**

- A) 24
- B) 36
- C) 48
- D) 60

**Correct Answer: B**

**Q517.  $A:B = 4:7$  and  $B:C = 7:10$ . Then  $A:C = ?$**

- A) 4:10
- B) 2:5
- C) 4:7
- D) 7:10

**Correct Answer: A**

**Q518. If  $x:y = 5:3$  and  $x + y = 40$ , then  $x = ?$**

- A) 20
- B) 25
- C) 15
- D) 30

**Correct Answer: B**

**Q519. The ratio 15:25 in simplest form is:**

- A) 3:5
- B) 5:3
- C) 1:5
- D) 5:1

**Correct Answer: A**

**Q520. The third proportional to 4 and 12 is:**

- A) 24
- B) 36
- C) 48
- D) 16

**Correct Answer: B**

***Proportion***

**Q521. If  $3:x = 12:20$ , then  $x = ?$**

- A) 4
- B) 5
- C) 6
- D) 8

**Correct Answer: B**

**Q522. If  $a:b = 2:3$  and  $b:c = 4:5$ , then  $a:b:c = ?$**

- A) 8:12:15
- B) 2:3:5
- C) 4:6:5
- D) 8:12:10

**Correct Answer: A**

**Q523. The mean proportional between 4 and 16 is:**

- A) 8
- B) 10
- C) 12
- D) 6

**Correct Answer: A**

**Q524. If 5 pens cost Rs.60, then 8 pens cost:**

- A) Rs.80
- B) Rs.88
- C) Rs.96
- D) Rs.100

**Correct Answer: C**

**Q525. 12 is to 36 as 7 is to:**

- A) 14
- B) 18
- C) 21
- D) 24

**Correct Answer: C**

**Q526. If  $4:6 :: x:9$ , then  $x = ?$**

- A) 4
- B) 5
- C) 6
- D) 8

**Correct Answer: C**

**Q527. 3 workers do a job in 12 days. How many days for 6 workers?**

- A) 4
- B) 6
- C) 8
- D) 10

**Correct Answer: B**

**Q528. A car covers 150 km in 3 hours. Distance in 5 hours at same speed?**

- A) 200
- B) 225
- C) 250
- D) 275

**Correct Answer: C**

**Q529. If the ratio of two numbers is 3:4 and their HCF is 5, the numbers are:**

- A) 15, 20
- B) 12, 16
- C) 9, 12
- D) 18, 24

**Correct Answer: A**

**Q530. A recipe for 4 people needs 200g sugar. For 10 people?**

- A) 400g
- B) 450g
- C) 500g
- D) 600g

**Correct Answer: C**

### ***Mixture***

**Q531. A mixture of milk:water is 3:1. In 20 litres, milk quantity is:**

- A) 12
- B) 15
- C) 16
- D) 18

**Correct Answer: B**

**Q532. In a mixture of 60 litres, milk:water = 2:1. Water in mixture:**

- A) 15
- B) 20
- C) 25
- D) 30

**Correct Answer: B**

**Q533. A mix has alcohol:water = 5:3. In 40 litres of mix, how much water?**

- A) 12
- B) 15
- C) 18
- D) 20

**Correct Answer: B**

**Q534.** If 5 litres of water is added to 15 litres of milk, the new ratio of milk to water is:

- A) 3:1
- B) 4:1
- C) 5:1
- D) 2:1

**Correct Answer: A**

**Q535.** A 20-litre mixture has milk:water = 4:1. How much water to make ratio 2:1?

- A) 2
- B) 4
- C) 6
- D) 8

**Correct Answer: C**

## Remainder & Logic

### *Remainder*

**Q536.** What is the remainder when 17 is divided by 5?

- A) 1
- B) 2
- C) 3
- D) 4

**Correct Answer: B**

**Q537.** What is the remainder when 29 is divided by 6?

- A) 3
- B) 4
- C) 5
- D) 2

**Correct Answer: C**

**Q538.** Remainder of  $100 / 7$  is:

- A) 1
- B) 2
- C) 3
- D) 4

**Correct Answer: B**

**Q539.** When 256 is divided by 9, the remainder is:

- A) 4
- B) 5
- C) 6
- D) 7

**Correct Answer: A**

**Q540. What is the remainder of  $45 / 8$ ?**

- A) 3
- B) 4
- C) 5
- D) 6

**Correct Answer: C**

**Q541. Remainder when 1000 is divided by 3?**

- A) 0
- B) 1
- C) 2
- D) 3

**Correct Answer: B**

**Q542. What is the remainder when 83 is divided by 12?**

- A) 9
- B) 10
- C) 11
- D) 7

**Correct Answer: D**

**Q543. Remainder of  $200 / 11$  is:**

- A) 2
- B) 3
- C) 4
- D) 1

**Correct Answer: A**

**Q544. When 365 is divided by 7, remainder is:**

- A) 0
- B) 1
- C) 2
- D) 3

**Correct Answer: B**

**Q545. Remainder of  $144 / 13$ ?**

- A) 1
- B) 2
- C) 3
- D) 4

**Correct Answer: A**

***Odd One Out***

**Q546. Which is the odd one: 3, 5, 7, 9, 11?**

- A) 3
- B) 7
- C) 9
- D) 11

**Correct Answer: C**

**Q547. Find the odd one: 2, 5, 10, 17, 26, 35**

- A) 5
- B) 17
- C) 26
- D) 35

**Correct Answer: D**

**Q548. Odd one out: 8, 27, 64, 100, 125**

- A) 8
- B) 64
- C) 100
- D) 125

**Correct Answer: C**

**Q549. Which doesn't belong: 1, 4, 9, 15, 25?**

- A) 4
- B) 9
- C) 15
- D) 25

**Correct Answer: C**

**Q550. Odd one: 121, 144, 169,     (196)    ,     (225)    ,     (    (    (    (256)    )    )    )**

- A) All belong (perfect squares)
- B) 121
- C) 144
- D) They all belong

**Correct Answer: A**

**Q551. Find the odd one: 11, 13, 15, 17, 19**

- A) 11
- B) 13
- C) 15
- D) 19

**Correct Answer: C**

**Q552. Odd one out: Apple, Mango, Potato, Banana**

- A) Apple
- B) Mango
- C) Potato
- D) Banana

**Correct Answer: C**

**Q553. Find odd one: 2, 3, 5, 7, 9, 11**

- A) 3
- B) 5
- C) 9
- D) 11

**Correct Answer: C**

**Q554. Which is different: Square, Triangle, Circle, Rectangle?**

- A) Square
- B) Triangle
- C) Circle
- D) Rectangle

**Correct Answer: C**

**Q555. Odd one: January, March, June, September**

- A) January
- B) March
- C) June
- D) September

**Correct Answer: B**

### ***Logical Deduction***

**Q556. All roses are flowers. Some flowers are red. Which is true?**

- A) All roses are red
- B) Some roses may be red
- C) No roses are red
- D) All flowers are roses

**Correct Answer: B**

**Q557. All dogs are animals. All animals need water. Therefore:**

- A) All dogs need water
- B) Some dogs don't need water
- C) No dog needs water
- D) Only some dogs are animals

**Correct Answer: A**

**Q558. If all A are B, and all B are C, then:**

- A) All C are A
- B) All A are C
- C) Some C are A
- D) No A is C

**Correct Answer: B**

**Q559. Some cats are black. Some black things are hats. Which is definitely true?**

- A) Some cats are hats
- B) No cat is a hat
- C) Some black things are cats
- D) All hats are black

**Correct Answer: C**

**Q560. All pens are blue. Some blue things are caps. Which MAY be true?**

- A) All caps are pens
- B) Some pens are caps
- C) No pen is a cap
- D) All blue things are pens

**Correct Answer: B**

**Q561. No fish can fly. All eagles can fly. Therefore:**

- A) Some fish are eagles
- B) No fish is an eagle
- C) Some eagles are fish
- D) All eagles are fish

**Correct Answer: B**

**Q562. Statement: All books are papers. All papers are white. Conclusion: All books are white.**

- A) True
- B) False
- C) Uncertain
- D) None

**Correct Answer: A**

**Q563. Statement: Some boys are tall. All tall people are strong. Conclusion: Some boys are strong.**

- A) True
- B) False
- C) Uncertain
- D) None

**Correct Answer: A**

**Q564. All apples are fruits. No fruit is a vegetable. Conclusion: No apple is a vegetable.**

- A) True
- B) False
- C) Uncertain
- D) Maybe

**Correct Answer: A**

**Q565. If it rains, the ground gets wet. The ground is wet. Does it definitely mean it rained?**

- A) Yes, definitely
- B) No, not necessarily
- C) Always
- D) Never

**Correct Answer: B**



***Clock / Calendar***

**Q566. How many days are there in a leap year?**

- A) 364
- B) 365
- C) 366
- D) 367

**Correct Answer: C**

**Q567. If today is Monday, what day will it be after 15 days?**

- A) Monday
- B) Tuesday
- C) Wednesday
- D) Thursday

**Correct Answer: B**

**Q568. If today is Wednesday, what day was it 10 days ago?**

- A) Sunday
- B) Saturday
- C) Monday
- D) Friday

**Correct Answer: B**

**Q569. How many minutes in 3 hours?**

- A) 120
- B) 150
- C) 180
- D) 200

**Correct Answer: C**

**Q570. If January 1 is Monday, what day is January 31?**

- A) Tuesday
- B) Wednesday
- C) Thursday
- D) Friday

**Correct Answer: B**

**Q571. How many days in February in a non-leap year?**

- A) 28
- B) 29
- C) 30
- D) 31

**Correct Answer: A**

**Q572. At 3:00, what is the angle between clock hands?**

- A) 60 degrees
- B) 75 degrees
- C) 90 degrees
- D) 120 degrees

**Correct Answer: C**

**Q573. At 6:00, the angle between clock hands is:**

- A) 90 degrees
- B) 120 degrees
- C) 150 degrees
- D) 180 degrees

**Correct Answer: D**

**Q574. How many times do clock hands overlap in 12 hours?**

- A) 10
- B) 11
- C) 12
- D) 13

**Correct Answer: B**

**Q575. If today is Friday, what day will it be after 100 days?**

- A) Sunday
- B) Monday
- C) Tuesday
- D) Wednesday

**Correct Answer: A**

## Direction Sense

### *Basic Movement*

**Q576. A man faces South-East. He turns 135 degrees clockwise. He now faces:**

- A) South
- B) West
- C) South-West
- D) North

**Correct Answer: B**

**Q577. Facing North, you walk 10 m, turn left, walk 5 m, turn left, walk 10 m. You are facing:**

- A) North
- B) South
- C) East
- D) West

**Correct Answer: B**

***Distance & Position***

**Q578. A pilot flies 30 km South, 40 km East. Distance from start?**

- A) 50 km
- B) 70 km
- C) 35 km
- D) 60 km

**Correct Answer: A**

***Shadow-Based***

**Q579. At what time is a person's shadow the shortest?**

- A) Morning
- B) Afternoon
- C) Noon
- D) Evening

**Correct Answer: C**

***Relative Position***

**Q580. Library is North of Bank. Museum is East of Library. Museum is \_\_\_\_\_ of Bank.**

- A) North-East
- B) South-East
- C) North-West
- D) Due East

**Correct Answer: A**

***Complex Paths***

**Q581. A man walks 3 km North, 4 km East, 3 km South. He is \_\_\_\_\_ from start.**

- A) 4 km East
- B) 3 km North
- C) 7 km
- D) 10 km

**Correct Answer: A**

***Turns & Rotation***

**Q582. A person faces North and turns 90 degrees left, then 180 degrees, then 90 degrees right. He is now facing:**

- A) North
- B) South
- C) East
- D) West

**Correct Answer: B**

**Distance & Position**

**Q583.** Two points are 5 km apart due East. A third point is 12 km due North of the first. Distance between second and third?

- A) 13 km
- B) 17 km
- C) 7 km
- D) 10 km

**Correct Answer: A**

**Blood Relations****Basic Relations**

**Q584.** Priya says, 'He is the son of the only son of my grandfather.' He is Priya's:

- A) Father
- B) Brother
- C) Uncle
- D) Cousin

**Correct Answer: B**

**Father / Mother**

**Q585.** My mother's only brother is my:

- A) Father
- B) Maternal uncle
- C) Cousin
- D) Brother

**Correct Answer: B**

**Siblings**

**Q586.** A has two brothers and one sister. Total number of children of A's parents is:

- A) 3
- B) 4
- C) 5
- D) 6

**Correct Answer: B**

**In-Laws**

**Q587.** My father's daughter-in-law is my:

- A) Wife / Sister-in-law
- B) Mother
- C) Sister
- D) Aunt

**Correct Answer: A**

**Generations**

**Q588. My mother's mother's husband is my:**

- A) Grandfather
- B) Father
- C) Uncle
- D) Great-grandfather

**Correct Answer: A**

**Complex Puzzle**

**Q589. A, B, C, D are family. A+B married. C is their son. D is C's wife. E is their child. How is E related to A?**

- A) Son
- B) Grandson or Granddaughter
- C) Nephew
- D) Niece

**Correct Answer: B**

**Coded Relations**

**Q590. If 'I' means 'son of' and 'x' means 'wife of', then A / B x C means A is:**

- A) Son of B, who is wife of C
- B) Wife of B
- C) Son of C
- D) Brother of C

**Correct Answer: A**

**Basic Relations**

**Q591. He is the brother of my mother's daughter. He is my:**

- A) Father
- B) Brother
- C) Uncle
- D) Cousin

**Correct Answer: B**

**Ranking & Order****Position from Left/Right**

**Q592. In a row of 50, Karan is 32nd from the right. His position from the left is:**

- A) 18th
- B) 19th
- C) 20th
- D) 17th

**Correct Answer: B**

### ***Between Two People***

**Q593.** In a row of 24, P is 7th from left, Q is 7th from right. People between them?

- A) 10
- B) 9
- C) 11
- D) 8

**Correct Answer: A**

### ***Interchanging Positions***

**Q594.** A is 15th from left, B is 20th from right. After swap, A is 20th from right. Total?

- A) 34
- B) 33
- C) 35
- D) 32

**Correct Answer: A**

### ***Class Rank***

**Q595.** In class of 42, Rohan ranks 12th from top. Rank from bottom?

- A) 30th
- B) 31st
- C) 32nd
- D) 29th

**Correct Answer: B**

### ***Linear Arrangement***

**Q596.** P, Q, R, S, T sit in a row facing North. R is in the middle. P is left of R. T is rightmost. Who is 2nd from right?

- A) P
- B) Q
- C) R
- D) S

**Correct Answer: D**

### ***Position from Left/Right***

**Q597.** In a queue, you are 6th from front and 6th from end. Queue has \_\_\_\_\_ people.

- A) 11
- B) 12
- C) 10
- D) 13

**Correct Answer: A**

***Class Rank***

**Q598.** A student is 17th from both top and bottom. Total students in class?

- A) 33
- B) 34
- C) 32
- D) 35

**Correct Answer: A**

**Alphabet Reasoning*****Letter Position***

**Q599.** What is the 26th letter of the English alphabet?

- A) Y
- B) Z
- C) X
- D) W

**Correct Answer: B**

***Reverse Alphabet***

**Q600.** In the reverse alphabet, which letter is 1st?

- A) A
- B) Z
- C) M
- D) Y

**Correct Answer: B**

***Gaps & Midpoint***

**Q601.** How many letters are between A and Z?

- A) 24
- B) 25
- C) 26
- D) 23

**Correct Answer: A**

***Series Pattern***

**Q602.** Next: B, D, G, K, ?

- A) N
- B) O
- C) P
- D) Q

**Correct Answer: C**

**Number-Letter Coding**

**Q603.** If A=1, B=2..., then SUN = ?

- A) 52
- B) 54
- C) 56
- D) 58

**Correct Answer: B**

**Word Formation**

**Q604.** How many consonants are in 'ENVIRONMENT'?

- A) 5
- B) 6
- C) 7
- D) 8

**Correct Answer: C**

**Series Pattern**

**Q605.** Find next: Z, Y, W, T, P, ?

- A) K
- B) L
- C) M
- D) J

**Correct Answer: A**

**Letter Position**

**Q606.** Which letter is equidistant from both ends?

- A) L
- B) M
- C) N
- D) The 13th letter (M) and 14th letter (N) - there is no single one

**Correct Answer: D**

**Coding & Decoding****Letter Shift**

**Q607.** If BANK is coded as CBOL (+1), how is LOAN?

- A) MPBO
- B) MPBP
- C) MPBN
- D) MQBO

**Correct Answer: A**



**Reverse Coding**

**Q608.** If SMART is coded as TRAMS, then BRAIN is:

- A) NIARB
- B) NIRAB
- C) NARIB
- D) NAIRB

**Correct Answer: A**

**Word Pattern**

**Q609.** If TREE = 48, ROSE = ?

- A) 53
- B) 57
- C) 60
- D) 48

**Correct Answer: B**

**Number Substitution**

**Q610.** Decode 12-15-22-5: The word is:

- A) LOVE
- B) LIVE
- C) LORE
- D) LONE

**Correct Answer: A**

**Mixed Coding**

**Q611.** If RIVER = SJWFS (+1 each), then LAKE = ?

- A) MBLF
- B) MBKF
- C) MBLG
- D) MAKF

**Correct Answer: A**

**Letter Shift**

**Q612.** If GAME = ICOG (+2 each), then PLAY = ?

- A) RNCA
- B) RNDA
- C) RNCA
- D) RMCA

**Correct Answer: A**

**Reverse Coding**

**Q613. CODE reversed is EDOC. In this code, JAVA is:**

- A) AVAJ
- B) AVJA
- C) AJAV
- D) VAAJ

**Correct Answer: A**

***Word Pattern***

**Q614. If HAT = 29 (8+1+20), then BAT = ?**

- A) 23
- B) 24
- C) 25
- D) 26

**Correct Answer: A**

## Number Series

***Missing Term***

**Q615. Next: 1, 4, 27, 256, ?**

- A) 3125
- B) 5000
- C) 1024
- D) 625

**Correct Answer: A**

***Arithmetic Pattern***

**Q616. 12, 18, 24, 30, ?**

- A) 34
- B) 36
- C) 38
- D) 40

**Correct Answer: B**

***Geometric Pattern***

**Q617. 81, 27, 9, 3, ?**

- A) 0
- B) 1
- C) 2
- D) 3

**Correct Answer: B**

***Mixed Pattern***

**Q618. 2, 3, 5, 9, 17, ?**

- A) 31
- B) 33
- C) 35
- D) 29

**Correct Answer: B**

***Wrong Term***

**Q619. Wrong in: 1, 3, 5, 7, 8, 11?**

- A) 3
- B) 7
- C) 8
- D) 11

**Correct Answer: C**

***Missing Term***

**Q620. 0, 1, 4, 9, 16, ?**

- A) 20
- B) 23
- C) 25
- D) 36

**Correct Answer: C**

***Arithmetic Pattern***

**Q621. 22, 19, 16, 13, ?**

- A) 9
- B) 10
- C) 11
- D) 12

**Correct Answer: B**

***Mixed Pattern***

**Q622. 1, 2, 3, 5, 8, 13, 21, ?**

- A) 28
- B) 30
- C) 34
- D) 36

**Correct Answer: C**

## Cube & Dice Logic

### *Painted Cube*

**Q623.** A 3x3x3 cube painted on all faces: total small cubes on surface?

- A) 24
- B) 26
- C) 27
- D) 20

**Correct Answer: B**

### *Dice Faces*

**Q624.** Minimum how many dice are needed to show 1 through 12?

- A) 1
- B) 2
- C) 3
- D) 4

**Correct Answer: B**

### *Counting / Stacking*

**Q625.** A cuboid 2x3x4 is made of unit cubes. Total unit cubes?

- A) 9
- B) 12
- C) 24
- D) 36

**Correct Answer: C**

### *Unfolded Cube*

**Q626.** In a cube net, the maximum number of squares in any straight line is:

- A) 3
- B) 4
- C) 5
- D) 6

**Correct Answer: B**

### *Dice Rotation*

**Q627.** If 1 is on top and 2 faces you, rotating the die to the right brings which face up?

- A) 2
- B) 3
- C) 4
- D) 5

**Correct Answer: C**

## Age-based Logic

### *Present Age*

**Q628.** Sum of ages of 4 people is 80. Their average age is:

- A) 15
- B) 18
- C) 20
- D) 25

**Correct Answer: C**

### *Future Age*

**Q629.** A is 40 and B is 20. In how many years will A be 1.5 times B's age?

- A) 10
- B) 15
- C) 20
- D) 25

**Correct Answer: C**

### *Past Age*

**Q630.** 5 years ago, A's age was thrice B's age. A is 35 now. B's present age is:

- A) 10
- B) 15
- C) 18
- D) 20

**Correct Answer: B**

### *Ratio Problems*

**Q631.** Present ratio of ages A:B = 5:3. Difference is 12 years. A's age is:

- A) 20
- B) 25
- C) 30
- D) 35

**Correct Answer: C**

### *Complex Problems*

**Q632.** Mother was 20 when her daughter was born. The mother is now 35. Daughter's age?

- A) 10
- B) 12
- C) 15
- D) 18

**Correct Answer: C**

## Ratio-based Logic

### *Basic Ratio*

**Q633.** In a class, boys:girls = 5:4. If there are 45 students, girls =?

- A) 20
- B) 25
- C) 18
- D) 24

**Correct Answer: A**

### *Proportion*

**Q634.** If 6 books cost Rs.180, 10 books cost?

- A) Rs.250
- B) Rs.280
- C) Rs.300
- D) Rs.350

**Correct Answer: C**

### *Mixture*

**Q635.** A solution has sugar:water = 1:4. In 50 litres, sugar = ?

- A) 8
- B) 10
- C) 12
- D) 15

**Correct Answer: B**

### *Basic Ratio*

**Q636.** Simplify 24:36.

- A) 4:6
- B) 2:3
- C) 3:4
- D) 6:9

**Correct Answer: B**

### *Proportion*

**Q637.** If 8 men do a job in 10 days, 5 men do it in?

- A) 12
- B) 14
- C) 16
- D) 18

**Correct Answer: C**

## Remainder & Logic

### *Remainder*

**Q638. Remainder when 50 is divided by 7?**

- A) 0
- B) 1
- C) 2
- D) 3

**Correct Answer: B**

### *Odd One Out*

**Q639. Odd one: Dog, Cat, Cow, Eagle**

- A) Dog
- B) Cat
- C) Cow
- D) Eagle

**Correct Answer: D**

### *Logical Deduction*

**Q640. All fruits have seeds. Mango is a fruit. Therefore:**

- A) Mango has seeds
- B) Mango has no seeds
- C) Only some mangoes have seeds
- D) Seeds are not in mangoes

**Correct Answer: A**

### *Clock / Calendar*

**Q641. What day comes 2 days after Thursday?**

- A) Friday
- B) Saturday
- C) Sunday
- D) Monday

**Correct Answer: B**

### *Remainder*

**Q642. What is 123 mod 10?**

- A) 1
- B) 2
- C) 3
- D) 12

**Correct Answer: C**

**Logical Deduction**

**Q643.** If all X are Y, and Z is not Y, then:

- A) Z is X
- B) Z is not X
- C) Z may be X
- D) Cannot determine

**Correct Answer: B**

**Clock / Calendar**

**Q644.** Angle between hands at 9:00 is:

- A) 60 degrees
- B) 90 degrees
- C) 180 degrees
- D) 270 degrees

**Correct Answer: D**

**Odd One Out**

**Q645.** Odd one: 6, 12, 18, 21, 24

- A) 12
- B) 18
- C) 21
- D) 24

**Correct Answer: C**

**Direction Sense****Basic Movement**

**Q646.** A person walks 2 km South, then turns left and walks 3 km. He is now facing:

- A) East
- B) West
- C) North
- D) South

**Correct Answer: A**

**Distance & Position**

**Q647.** A boy walks 6 km North, then 8 km West. Shortest distance from start?

- A) 10 km
- B) 14 km
- C) 2 km
- D) 48 km

**Correct Answer: A**



***Turns & Rotation***

**Q648.** Facing East, a man turns 90 degrees clockwise thrice. He is now facing:

- A) East
- B) North
- C) South
- D) West

**Correct Answer: B**

***Shadow-Based***

**Q649.** In the morning, a man's shadow falls to his left. He is facing:

- A) North
- B) South
- C) East
- D) West

**Correct Answer: B**

***Complex Paths***

**Q650.** A girl walks 10 m North, 10 m East, 10 m South, 10 m West. She is at:

- A) Starting point
- B) 10 m East
- C) 10 m North
- D) 20 m away

**Correct Answer: A**

***Relative Position***

**Q651.** X is South of Y. Z is East of X. Z is \_\_\_\_\_ of Y.

- A) South-East
- B) North-East
- C) South-West
- D) Due East

**Correct Answer: A**

## **Blood Relations**

***Basic Relations***

**Q652.** My father's sister's son is my:

- A) Brother
- B) Uncle
- C) Cousin
- D) Nephew

**Correct Answer: C**

**Generations**

**Q653. My son's daughter is my:**

- A) Niece
- B) Granddaughter
- C) Daughter
- D) Cousin

**Correct Answer: B**

**In-Laws**

**Q654. My daughter's husband is my:**

- A) Son
- B) Son-in-law
- C) Brother
- D) Nephew

**Correct Answer: B**

**Coded Relations**

**Q655. If  $A > B$  means A is the mother of B,  $A < B$  means A is the son of B, then  $C > D < E$  means:**

- A) C is mother of D, D is son of E
- B) E is son of D
- C) C is son of E
- D) C is mother of E

**Correct Answer: A**

**Siblings**

**Q656. Anu's mother's daughter who is not Anu is Anu's:**

- A) Mother
- B) Sister
- C) Aunt
- D) Cousin

**Correct Answer: B**

## Ranking & Order

**Position from Left/Right**

**Q657. In a row of 60, P is 45th from right. P's position from left?**

- A) 15th
- B) 16th
- C) 17th
- D) 14th

**Correct Answer: B**

***Class Rank***

**Q658.** In a class of 53, M is 28th from top. M's rank from bottom?

- A) 25th
- B) 26th
- C) 27th
- D) 24th

**Correct Answer: B**

***Between Two People***

**Q659.** In a row of 30, A is 10th from left, B is 10th from right. Between them?

- A) 10
- B) 11
- C) 9
- D) 12

**Correct Answer: A**

## Alphabet Reasoning

***Series Pattern***

**Q660.** Next: M, J, G, D, ?

- A) B
- B) A
- C) C
- D) Z

**Correct Answer: B**

***Gaps & Midpoint***

**Q661.** Letter midway between A and G?

- A) C
- B) D
- C) E
- D) B

**Correct Answer: B**

***Word Formation***

**Q662.** Alphabetically arrange LOGIC. First letter is:

- A) C
- B) G
- C) I
- D) L

**Correct Answer: C**

## Coding & Decoding

### Letter Shift

**Q663.** If BLUE = CMVF (+1), then GREY = ?

- A) HSFZ
- B) HSGZ
- C) HRFZ
- D) HTFZ

**Correct Answer: A**

### Reverse Coding

**Q664.** PYTHON reversed is:

- A) NOHTYP
- B) NOYTHP
- C) NOTHYP
- D) NOHTPY

**Correct Answer: A**

### Word Pattern

**Q665.** If BOX = 41 (2+15+24), then FOX = ?

- A) 45
- B) 43
- C) 47
- D) 49

**Correct Answer: A**

## Number Series

### Missing Term

**Q666.** Next: 3, 7, 15, 31, ?

- A) 47
- B) 55
- C) 63
- D) 72

**Correct Answer: C**

### Arithmetic Pattern

**Q667. 25, 30, 35, 40, ?**

- A) 42
- B) 44
- C) 45
- D) 50

**Correct Answer: C**

### ***Geometric Pattern***

**Q668. 2, 6, 18, 54, ?**

- A) 108
- B) 162
- C) 216
- D) 324

**Correct Answer: B**

### ***Mixed Pattern***

**Q669. 1, 1, 2, 6, 24, ?**

- A) 48
- B) 72
- C) 120
- D) 144

**Correct Answer: C**

### ***Wrong Term***

**Q670. Wrong: 2, 4, 6, 9, 10, 12?**

- A) 4
- B) 6
- C) 9
- D) 10

**Correct Answer: C**

## **Cube & Dice Logic**

### ***Painted Cube***

**Q671. A cube painted only on top and bottom, cut 3x3x3. Cubes with no paint?**

- A) 3
- B) 6
- C) 9
- D) 15

**Correct Answer: C**

***Dice Faces*****Q672. Sum of all faces of a standard die?**

- A) 18
- B) 20
- C) 21
- D) 24

**Correct Answer: C****Age-based Logic*****Present Age*****Q673. Father is 36, son is 6. When will father be 3 times son's age?**

- A) After 3 years
- B) After 6 years
- C) After 9 years
- D) After 12 years

**Correct Answer: C*****Ratio Problems*****Q674. A:B ages = 2:5. Sum = 35. B is?**

- A) 10
- B) 15
- C) 20
- D) 25

**Correct Answer: D****Ratio-based Logic*****Basic Ratio*****Q675. Share 90 in ratio 1:2. Larger share?**

- A) 30
- B) 45
- C) 60
- D) 90

**Correct Answer: C*****Proportion***

**Q676. 3 is to 9 as 5 is to?**

- A) 10
- B) 12
- C) 15
- D) 18

**Correct Answer: C**

## Remainder & Logic

### *Remainder*

**Q677. What is 37 mod 6?**

- A) 1
- B) 2
- C) 3
- D) 4

**Correct Answer: A**

### *Logical Deduction*

**Q678. If  $P > Q$  and  $Q > R$ , then:**

- A)  $P > R$
- B)  $R > P$
- C)  $P = R$
- D) Cannot say

**Correct Answer: A**

### *Clock / Calendar*

**Q679. How many seconds in one hour?**

- A) 600
- B) 1800
- C) 3600
- D) 6000

**Correct Answer: C**

### *Odd One Out*

**Q680. Odd one: Mercury, Venus, Moon, Mars**

- A) Mercury
- B) Venus
- C) Moon
- D) Mars

**Correct Answer: C**

## Direction Sense

### *Basic Movement*

**Q681.** A car goes 4 km East, takes a U-turn, then goes 4 km. It is now:

- A) 4 km East
- B) 8 km East
- C) At starting point
- D) 4 km West

**Correct Answer: C**

## Blood Relations

### *Basic Relations*

**Q682.** My mother's husband's mother is my:

- A) Mother
- B) Grandmother
- C) Aunt
- D) Sister

**Correct Answer: B**

## Ranking & Order

### *Class Rank*

**Q683.** In a class of 100, your rank is 50th from top. Your rank from bottom is:

- A) 50th
- B) 51st
- C) 49th
- D) 52nd

**Correct Answer: B**

## Alphabet Reasoning

### *Series Pattern*

**Q684.** Next: A, Z, B, Y, C, ?

- A) D
- B) X
- C) W
- D) V

**Correct Answer: B**



## Number Series

### *Mixed Pattern*

**Q685.** 0, 1, 3, 6, 10, ?

- A) 13
- B) 14
- C) 15
- D) 16

**Correct Answer: C**

## Coding & Decoding

### *Mixed Coding*

**Q686.** If AND is coded as 19 (1+14+4), but OR = ?

- A) 33
- B) 35
- C) 15
- D) 18

**Correct Answer: A**

## Age-based Logic

### *Complex Problems*

**Q687.** A is 6 years older than B. Together they are 36. A's age?

- A) 18
- B) 20
- C) 21
- D) 24

**Correct Answer: C**

## Ratio-based Logic

### *Mixture*

**Q688.** A 50-litre mix has acid:water = 2:3. Acid = ?

- A) 15
- B) 20
- C) 25
- D) 30

**Correct Answer: B**

## Remainder & Logic

### *Clock / Calendar*

**Q689.** If March 1 is a Friday, what day is March 15?

- A) Thursday
- B) Friday
- C) Saturday
- D) Sunday

**Correct Answer: B**

## Cube & Dice Logic

### *Counting / Stacking*

**Q690.** A 10x10x10 cube made of unit cubes: total cubes on the outside only?

- A) 488
- B) 492
- C) 600
- D) 504

**Correct Answer: A**

## Direction Sense

### *Basic Movement*

**Q691.** Facing West, a girl turns left. She is now facing:

- A) North
- B) South
- C) East
- D) West

**Correct Answer: B**

**Q692.** A man walks 6 km towards East, turns right and walks 4 km. He is now facing:

- A) South
- B) North
- C) East
- D) West

**Correct Answer: A**

### *Turns & Rotation*

**Q693. From South, a person turns 270 degrees anti-clockwise. He now faces:**

- A) East
- B) West
- C) North
- D) South

**Correct Answer: A**

**Q694. A driver facing North turns left, then takes a U-turn. He is facing:**

- A) East
- B) West
- C) North
- D) South

**Correct Answer: A**

### *Distance & Position*

**Q695. A man walks 20 m North, 21 m East. Shortest distance from start?**

- A) 29 m
- B) 41 m
- C) 21 m
- D) 30 m

**Correct Answer: A**

**Q696. A lady walks 5 m West then 12 m North. How far is she from start?**

- A) 13 m
- B) 17 m
- C) 7 m
- D) 15 m

**Correct Answer: A**

### *Shadow-Based*

**Q697. At sunset, shadows fall towards the:**

- A) West
- B) South
- C) North
- D) East

**Correct Answer: D**

**Q698. A pole's shadow is towards the West. What time of day is it?**

- A) Morning
- B) Noon
- C) Evening
- D) Midnight

**Correct Answer: A**

**Relative Position**

**Q699.** P is North of Q. R is East of P. S is South of R. S and Q are in which direction relative to each other?

- A) S is East of Q
- B) S is West of Q
- C) S is North of Q
- D) They are at the same position

**Correct Answer: A**

**Complex Paths**

**Q700.** Starting from A, walk 5 km South, 12 km East. Distance from A?

- A) 13 km
- B) 17 km
- C) 7 km
- D) 8 km

**Correct Answer: A**

**Basic Movement**

**Q701.** A person facing East turns right twice. He is now facing:

- A) East
- B) West
- C) North
- D) South

**Correct Answer: B**

**Distance & Position**

**Q702.** Walk 8 m South, 6 m East. How far from start?

- A) 10 m
- B) 14 m
- C) 2 m
- D) 48 m

**Correct Answer: A**

**Turns & Rotation**

**Q703.** From North-West, turn 90 degrees clockwise. Now facing:

- A) North-East
- B) South-East
- C) South-West
- D) East

**Correct Answer: A**

**Shadow-Based**

**Q704. At 12 noon (equator), the shadow of a vertical pole is:**

- A) Towards North
- B) Towards South
- C) Directly beneath (negligible)
- D) Towards East

**Correct Answer: C**

**Relative Position**

**Q705. School is West of Park. Hospital is South of School. Hospital is \_\_\_\_\_ of Park.**

- A) South-West
- B) South-East
- C) North-West
- D) North-East

**Correct Answer: A**

**Complex Paths**

**Q706. A walks 3 km N, 4 km W, 3 km S, 4 km E. He is:**

- A) At start
- B) 3 km North
- C) 4 km West
- D) 7 km away

**Correct Answer: A**

**Basic Movement**

**Q707. Facing South, Ram turns left twice. He now faces:**

- A) South
- B) North
- C) East
- D) West

**Correct Answer: A**

**Distance & Position**

**Q708. A pilot flies 100 km East, 100 km North. Distance from start?**

- A) 200 km
- B) 141 km
- C) 100 km
- D) 50 km

**Correct Answer: B**

**Turns & Rotation**

**Q709. From East, turn 45 degrees anti-clockwise. Now facing:**

- A) North-East
- B) North-West
- C) South-East
- D) South-West

**Correct Answer: A**

### ***Complex Paths***

**Q710. Walk 7 km N, 7 km E, 7 km S. Distance from start?**

- A) 7 km
- B) 14 km
- C) 21 km
- D) 0 km

**Correct Answer: A**

### ***Relative Position***

**Q711. A is due West of B. C is due South of A. D is due East of C. D is \_\_\_\_\_ of B.**

- A) South
- B) South-West
- C) Due South
- D) South-East

**Correct Answer: C**

### ***Shadow-Based***

**Q712. A girl faces South in the morning. Her shadow falls in which direction?**

- A) In front of her
- B) Behind her
- C) To her left
- D) To her right

**Correct Answer: D**

### ***Basic Movement***

**Q713. Starting from point O, a man walks East 3 km, turns left, walks 4 km. He is in which direction from O?**

- A) North-East
- B) South-East
- C) North-West
- D) South-West

**Correct Answer: A**

### ***Turns & Rotation***

**Q714. Facing West, turn 180 degrees, then 90 degrees clockwise. Now facing:**

- A) North
- B) South
- C) East
- D) West

**Correct Answer: B**

### ***Complex Paths***

**Q715. P walks 2 km S, 2 km E, 2 km N, 2 km W. P is from start:**

- A) 2 km South
- B) 4 km East
- C) At starting point
- D) 2 km West

**Correct Answer: C**

### ***Distance & Position***

**Q716. Two villages are 3 km apart (East-West). A person walks 4 km North from Village A. Distance to Village B?**

- A) 5 km
- B) 7 km
- C) 1 km
- D) 12 km

**Correct Answer: A**

### ***Basic Movement***

**Q717. A man is facing North-West. He turns 90 degrees clockwise. He is now facing:**

- A) North-East
- B) South-East
- C) South-West
- D) East

**Correct Answer: A**

### ***Relative Position***

**Q718. My house is South of post office. Bank is East of my house. Bank is \_\_\_\_\_ of post office.**

- A) South-East
- B) North-East
- C) South-West
- D) North-West

**Correct Answer: A**

### ***Complex Paths***

**Q719. Walk 11 km N, 11 km E, 11 km S, 11 km W. You are:**

- A) 22 km East
- B) 11 km North
- C) At start
- D) 11 km East

**Correct Answer: C**

### ***Turns & Rotation***

**Q720. Facing South-East, turn 90 degrees anti-clockwise. Now facing:**

- A) North-East
- B) South-West
- C) North-West
- D) East

**Correct Answer: A**

### ***Distance & Position***

**Q721. Walk 9 km East, 12 km South. Distance from start?**

- A) 15 km
- B) 21 km
- C) 3 km
- D) 108 km

**Correct Answer: A**

### ***Basic Movement***

**Q722. A man faces East, turns 45 degrees left. Then takes a U-turn. He now faces:**

- A) South-West
- B) South-East
- C) North-West
- D) West

**Correct Answer: A**

### ***Shadow-Based***

**Q723. At 3 PM a man faces South. His shadow falls to his:**

- A) Right
- B) Left
- C) Front
- D) Behind

**Correct Answer: B**

### ***Relative Position***



**Q724. Temple is North of Lake. Market is West of Temple. Market is \_\_\_\_\_ of Lake.**

- A) North-West
- B) South-West
- C) North-East
- D) South-East

**Correct Answer: A**

### ***Complex Paths***

**Q725. From home, go 6 km N, 6 km E, 6 km S, 12 km W. From home you are:**

- A) 6 km West
- B) 6 km East
- C) 12 km West
- D) At home

**Correct Answer: A**

### ***Distance & Position***

**Q726. A walks 24 m North and 7 m East. Shortest distance from start?**

- A) 25 m
- B) 31 m
- C) 17 m
- D) 168 m

**Correct Answer: A**

### ***Turns & Rotation***

**Q727. Starting facing West, turn 90 degrees left, then 90 degrees left again. Now facing:**

- A) East
- B) West
- C) North
- D) South

**Correct Answer: A**

### ***Basic Movement***

**Q728. You walk 10 m North. Turn right. Walk 10 m. Turn right. Walk 10 m. You are facing:**

- A) South
- B) North
- C) East
- D) West

**Correct Answer: A**

### ***Complex Paths***

**Q729. Walk 5 km East, 5 km South, 5 km West. How far and what direction from start?**

- A) 5 km South
- B) 5 km East
- C) 5 km West
- D) At start

**Correct Answer: A**

### ***Relative Position***

**Q730. If you walk 10 m North from A and then 10 m East, you reach B. B is \_\_\_\_\_ of A.**

- A) North-East
- B) South-East
- C) North-West
- D) South-West

**Correct Answer: A**

## **Blood Relations**

### ***Basic Relations***

**Q731. My mother's mother's only daughter is my:**

- A) Sister
- B) Mother
- C) Aunt
- D) Grandmother

**Correct Answer: B**

**Q732. A says, 'B's father is my father's son.' How is B related to A?**

- A) Brother
- B) Son / Daughter
- C) Nephew
- D) Father

**Correct Answer: B**

### ***Father / Mother***

**Q733. My father's wife is my:**

- A) Mother
- B) Aunt
- C) Sister
- D) Grandmother

**Correct Answer: A**

**Q734. Ravi's father's father's only daughter is Ravi's:**

- A) Sister
- B) Mother
- C) Aunt
- D) Grandmother

**Correct Answer: C**

### ***Siblings***

**Q735. My brother's son is my:**

- A) Cousin
- B) Nephew
- C) Son
- D) Uncle

**Correct Answer: B**

**Q736. My sister's daughter is my:**

- A) Cousin
- B) Niece
- C) Daughter
- D) Aunt

**Correct Answer: B**

### ***In-Laws***

**Q737. My wife's mother is my:**

- A) Mother
- B) Mother-in-law
- C) Aunt
- D) Grandmother

**Correct Answer: B**

**Q738. My husband's brother is my:**

- A) Brother
- B) Brother-in-law
- C) Cousin
- D) Uncle

**Correct Answer: B**

### ***Generations***

**Q739. My mother's father's son (not my uncle) is my:**

- A) Father
- B) Brother
- C) Mother
- D) Grandfather

**Correct Answer: A**

**Q740. My father's father's wife is my:**

- A) Mother
- B) Grandmother
- C) Great-grandmother
- D) Aunt

**Correct Answer: B**

### ***Complex Puzzle***

**Q741. If A's son is B's brother, how is A related to B?**

- A) Father or Mother
- B) Uncle
- C) Brother
- D) Grandson

**Correct Answer: A**

**Q742. P is the father of Q but Q is not P's son. Then Q is P's:**

- A) Nephew
- B) Niece
- C) Daughter
- D) Cousin

**Correct Answer: C**

### ***Coded Relations***

**Q743. If + means father, - means mother, x means brother: A + B x C - D means?**

- A) A is father of B, B is brother of C, C is mother of D
- B) A is brother of B
- C) D is father of A
- D) A is mother of D

**Correct Answer: A**

### ***Basic Relations***

**Q744. Pointing to a lady, Mohan says, 'She is the sister of my father's only son.' She is Mohan's:**

- A) Mother
- B) Sister
- C) Aunt
- D) Daughter

**Correct Answer: B**

### ***Father / Mother***

**Q745. Rahul says, 'She is the wife of my mother's only son.' He is talking about his:**

- A) Mother
- B) Sister
- C) Wife
- D) Daughter

**Correct Answer: C**

### ***Siblings***

**Q746. Ritu is Kiran's sister. Kiran is Mohan's brother. How is Ritu related to Mohan?**

- A) Sister
- B) Mother
- C) Aunt
- D) Cousin

**Correct Answer: A**

### ***In-Laws***

**Q747. My son's wife is my:**

- A) Daughter
- B) Daughter-in-law
- C) Niece
- D) Sister

**Correct Answer: B**

### ***Generations***

**Q748. My grandfather's only child is my:**

- A) Father or Mother
- B) Brother
- C) Uncle
- D) Cousin

**Correct Answer: A**

### ***Complex Puzzle***

**Q749. A introduces B saying, 'She is the wife of my mother's only son.' B is A's:**

- A) Sister
- B) Wife
- C) Mother
- D) Daughter

**Correct Answer: B**

### ***Basic Relations***

**Q750. If Raj has a sister Priya, then Priya's mother's husband is Raj's:**

- A) Uncle
- B) Father
- C) Brother
- D) Grandfather

**Correct Answer: B**

### ***Coded Relations***

**Q751. If \$ means daughter of, # means son of: P \$ Q # R means?**

- A) P is daughter of Q, Q is son of R
- B) P is son of Q
- C) R is daughter of P
- D) Q is daughter of R

**Correct Answer: A**

### ***Generations***

**Q752. My mother's brother's daughter is my:**

- A) Sister
- B) Cousin
- C) Aunt
- D) Niece

**Correct Answer: B**

### ***In-Laws***

**Q753. My sister's husband's mother is my:**

- A) Mother
- B) Mother-in-law of sister
- C) Aunt
- D) Grandmother

**Correct Answer: B**

### ***Complex Puzzle***

**Q754. In a family, D is father of E. E is not D's son. F is E's brother. So E is D's:**

- A) Son
- B) Daughter
- C) Nephew
- D) Niece

**Correct Answer: B**

### ***Basic Relations***

**Q755. My uncle's mother is my:**

- A) Grandmother
- B) Mother
- C) Aunt
- D) Sister

**Correct Answer: A**

#### ***Father / Mother***

**Q756. Ravi's mother is the only daughter of Neeta's mother. How is Neeta related to Ravi?**

- A) Mother
- B) Aunt
- C) Sister
- D) Grandmother

**Correct Answer: A**

#### ***Siblings***

**Q757. My mother's son who is not me is my:**

- A) Father
- B) Brother
- C) Uncle
- D) Cousin

**Correct Answer: B**

#### ***Generations***

**Q758. My grandmother's son's wife is my:**

- A) Sister
- B) Mother or Aunt
- C) Grandmother
- D) Cousin

**Correct Answer: B**

#### ***In-Laws***

**Q759. My wife's sister's husband is my:**

- A) Brother
- B) Brother-in-law
- C) Cousin
- D) Uncle

**Correct Answer: B**

#### ***Complex Puzzle***

**Q760. A's mother is B. B's mother is C. C's husband is D. D is A's:**

- A) Father
- B) Grandfather
- C) Uncle
- D) Great-grandfather

**Correct Answer: B**

## Ranking & Order

### *Position from Left/Right*

**Q761. In a row of 45, Neha is 23rd from left. Her position from right:**

- A) 22nd
- B) 23rd
- C) 24th
- D) 21st

**Correct Answer: B**

**Q762. In a row of 36, Ram is 36th from left. He is \_\_\_\_\_ from right.**

- A) 1st
- B) 2nd
- C) 36th
- D) 35th

**Correct Answer: A**

**Q763. In a queue of 28, you are 1st from front. Your position from back is:**

- A) 27th
- B) 28th
- C) 29th
- D) 26th

**Correct Answer: B**

### *Interchanging Positions*

**Q764. A is 20th from left, B is 25th from right. After swap, A is 25th from right. Total?**

- A) 44
- B) 43
- C) 45
- D) 42

**Correct Answer: A**

### *Between Two People*



**Q765.** In a row of 38, X is 12th from left, Y is 12th from right. Between them?

- A) 14
- B) 15
- C) 13
- D) 16

**Correct Answer: A**

### ***Class Rank***

**Q766.** Out of 75 students, Rita is 37th from top. Her rank from bottom:

- A) 38th
- B) 39th
- C) 40th
- D) 37th

**Correct Answer: B**

**Q767.** Sonu scores rank 1 in a class of 50. His rank from bottom is:

- A) 49th
- B) 50th
- C) 48th
- D) 51st

**Correct Answer: B**

### ***Linear Arrangement***

**Q768.** A, B, C, D, E sit in a row. B is between A and C. D is at one end, E at the other. C is next to D. Order left to right?

- A) E A B C D
- B) D C B A E
- C) D A B C E
- D) E C B A D

**Correct Answer: A**

### ***Position from Left/Right***

**Q769.** In a row of 80, P is 30th from right. P is \_\_\_\_\_ from left.

- A) 50th
- B) 51st
- C) 52nd
- D) 49th

**Correct Answer: B**

### ***Between Two People***

**Q770.** In a row of 20, A at position 3 from left, B at position 3 from right. People between?

- A) 14
- B) 13
- C) 15
- D) 12

**Correct Answer: A**

### *Interchanging Positions*

**Q771.** X is 4th from front, Y is 4th from back. After swap, X is 4th from back. Total?

- A) 7
- B) 8
- C) 6
- D) 9

**Correct Answer: A**

### *Class Rank*

**Q772.** In class of 65, Ravi is 30th from bottom. His rank from top?

- A) 35th
- B) 36th
- C) 37th
- D) 34th

**Correct Answer: B**

### *Position from Left/Right*

**Q773.** In a row of 31 students, who is in the exact middle?

- A) 15th
- B) 16th
- C) 17th
- D) 14th

**Correct Answer: B**

### *Between Two People*

**Q774.** In a queue of 50, A is 20th from front, B is 20th from back. Between them?

- A) 10
- B) 11
- C) 9
- D) 12

**Correct Answer: A**

### *Linear Arrangement*

**Q775. 7 people in a row facing North. P is 3rd from left. P is how many from the right?**

- A) 4th
- B) 5th
- C) 6th
- D) 3rd

**Correct Answer: B**

### ***Class Rank***

**Q776. A student gets the last rank in class of 40. His rank from top is:**

- A) 39th
- B) 40th
- C) 41st
- D) 38th

**Correct Answer: B**

### ***Position from Left/Right***

**Q777. In a row of 100, 50th from left. Position from right?**

- A) 50th
- B) 51st
- C) 52nd
- D) 49th

**Correct Answer: B**

### ***Interchanging Positions***

**Q778. P is 3rd from left, Q is 8th from right. After swap, P is 8th from right. Total (minimum)?**

- A) 10
- B) 11
- C) 9
- D) 12

**Correct Answer: A**

### ***Between Two People***

**Q779. In a row of 15, A is 6th from left, B is 6th from right. People between?**

- A) 3
- B) 4
- C) 2
- D) 5

**Correct Answer: A**

### ***Class Rank***

**Q780. Average rank of A (5th) and B (15th) from top in a class of 40 is:**

- A) 10th
- B) 8th
- C) 12th
- D) 15th

**Correct Answer: A**

### ***Position from Left/Right***

**Q781. In a row of 22, M is 11th from both ends. Therefore the row has:**

- A) 21 people exactly
- B) 22 people
- C) 20 people
- D) 11 people

**Correct Answer: A**

### ***Linear Arrangement***

**Q782. Six boys A-F sit in circle. A is between B and F. C is opposite A. D is right of C. E is between D and F. Who is left of C?**

- A) B
- B) D
- C) E
- D) F

**Correct Answer: E**

### ***Between Two People***

**Q783. In a row of 60, A is 25th from left, B is 25th from right. Between them?**

- A) 10
- B) 11
- C) 9
- D) 12

**Correct Answer: A**

### ***Class Rank***

**Q784. P is 8th from top, Q is 30th from bottom in class of 37. Who is higher?**

- A) P
- B) Q
- C) Same
- D) Cannot tell

**Correct Answer: A**

### ***Position from Left/Right***

**Q785.** You are 7th from left and 34th from right. Total in row?

- A) 40
- B) 41
- C) 39
- D) 42

**Correct Answer: A**

### ***Interchanging Positions***

**Q786.** After swap, the two people occupy each other's positions. If both were 5th from respective ends, total is:

- A) 9
- B) 10
- C) 8
- D) 11

**Correct Answer: A**

### ***Class Rank***

**Q787.** 3 students A, B, C rank 5th, 10th, 15th from top (class of 20). Their ranks from bottom are:

- A) 16, 11, 6
- B) 15, 10, 5
- C) 14, 9, 4
- D) 17, 12, 7

**Correct Answer: A**

### ***Linear Arrangement***

**Q788.** 4 people in a row. A is to the left of B. C is to the right of B. D is to the right of C. Who is 2nd from left?

- A) A
- B) B
- C) C
- D) D

**Correct Answer: B**

### ***Between Two People***

**Q789.** In a row of 10, A is 2nd from left, B is 2nd from right. Between?

- A) 5
- B) 6
- C) 7
- D) 8

**Correct Answer: B**

### ***Position from Left/Right***

**Q790.** In a row of 99, X is 50th from the left. X's position from right:

- A) 49th
- B) 50th
- C) 51st
- D) 48th

**Correct Answer: B**

## Alphabet Reasoning

### *Letter Position*

**Q791.** Which letter is the 17th in the alphabet?

- A) P
- B) Q
- C) R
- D) S

**Correct Answer: B**

**Q792.** The 1st letter of the English alphabet is:

- A) Z
- B) B
- C) A
- D) D

**Correct Answer: C**

### *Reverse Alphabet*

**Q793.** The last letter in the reverse alphabet is:

- A) Z
- B) A
- C) M
- D) Y

**Correct Answer: B**

**Q794.** In the reverse, position of E is:

- A) 21
- B) 22
- C) 23
- D) 20

**Correct Answer: B**

### *Gaps & Midpoint*

**Q795. How many letters between B and H?**

- A) 4
- B) 5
- C) 6
- D) 3

**Correct Answer: B**

**Q796. Midpoint between C and K:**

- A) F
- B) G
- C) H
- D) E

**Correct Answer: B**

### *Series Pattern*

**Q797. Next: E, J, O, T, ?**

- A) W
- B) X
- C) Y
- D) Z

**Correct Answer: C**

**Q798. Next: Z, V, R, N, ?**

- A) K
- B) J
- C) I
- D) L

**Correct Answer: B**

### *Number-Letter Coding*

**Q799. A=1, B=2... CODE = ?**

- A) 27
- B) 33
- C) 38
- D) 40

**Correct Answer: B**

**Q800. If A=2, B=4, C=6... the code for F = ?**

- A) 10
- B) 12
- C) 14
- D) 16

**Correct Answer: B**

### ***Word Formation***

**Q801. Arrange TOWER alphabetically. 3rd letter?**

- A) O
- B) R
- C) T
- D) W

**Correct Answer: B**

**Q802. How many vowels in UNIVERSITY?**

- A) 3
- B) 4
- C) 5
- D) 6

**Correct Answer: C**

### ***Series Pattern***

**Q803. Next: C, E, H, L, ?**

- A) O
- B) P
- C) Q
- D) R

**Correct Answer: C**

### ***Gaps & Midpoint***

**Q804. How many letters between M and T?**

- A) 5
- B) 6
- C) 7
- D) 4

**Correct Answer: B**

### ***Letter Position***

**Q805. 3rd letter from right end of alphabet:**

- A) X
- B) W
- C) Y
- D) V

**Correct Answer: A**

### ***Reverse Alphabet***



**Q806. In the reverse, 6th letter is:**

- A) U
- B) T
- C) S
- D) V

**Correct Answer: A**

***Word Formation***

**Q807. If STABLE is arranged alphabetically, first letter is:**

- A) A
- B) B
- C) E
- D) S

**Correct Answer: B**

***Number-Letter Coding***

**Q808. If A=1, the code for INDIA (9+14+4+9+1) = ?**

- A) 35
- B) 37
- C) 39
- D) 41

**Correct Answer: B**

***Series Pattern***

**Q809. Next: A, C, F, J, O, ?**

- A) T
- B) U
- C) V
- D) W

**Correct Answer: B**

***Gaps & Midpoint***

**Q810. Midpoint between P and V:**

- A) R
- B) S
- C) T
- D) Q

**Correct Answer: B**

***Letter Position***

**Q811. Which letter is 4th to the left of the 20th letter?**

- A) N
- B) O
- C) P
- D) Q

**Correct Answer: C**

***Word Formation***

**Q812. Reverse of WORLD is:**

- A) DLROW
- B) DLRWO
- C) DLROW
- D) DROWL

**Correct Answer: A**

***Series Pattern***

**Q813. Next: B, C, E, G, K, ?**

- A) L
- B) M
- C) N
- D) O

**Correct Answer: B**

***Reverse Alphabet***

**Q814. In the reverse (Z=1), position of M:**

- A) 13
- B) 14
- C) 15
- D) 12

**Correct Answer: B**

***Number-Letter Coding***

**Q815. A=1... BEST (2+5+19+20) = ?**

- A) 44
- B) 46
- C) 48
- D) 42

**Correct Answer: B**

***Gaps & Midpoint***

**Q816. The 3 letters exactly between D and H are:**

- A) E, F, G
- B) D, E, F
- C) F, G, H
- D) E, G, H

**Correct Answer: A**

***Series Pattern***

**Q817. Find next: A, B, D, H, ?**

- A) L
- B) N
- C) P
- D) O

**Correct Answer: C**

***Letter Position***

**Q818. How many consonants between A and J (exclusive)?**

- A) 5
- B) 6
- C) 7
- D) 4

**Correct Answer: A**

***Word Formation***

**Q819. In KEYBOARD, how many letters come after M in the alphabet?**

- A) 3
- B) 4
- C) 5
- D) 6

**Correct Answer: B**

***Number-Letter Coding***

**Q820. A=1... the average value of A, E, I, O, U = ?**

- A) 9
- B) 9.4
- C) 10
- D) 11

**Correct Answer: B**

## Coding & Decoding

### Letter Shift

**Q821. If HAND = IBOE (+1), then FOOT = ?**

- A) GPPU
- B) GPPV
- C) GPQU
- D) GOPU

**Correct Answer: A**

**Q822. If SAVE = UCXG (+2), then HELP = ?**

- A) JGNR
- B) JGMR
- C) JHNR
- D) IGNR

**Correct Answer: A**

**Q823. If WATER = XBUFS (+1), then EARTH = ?**

- A) FBSUI
- B) FBSUJ
- C) FASUI
- D) FCSTI

**Correct Answer: A**

### Reverse Coding

**Q824. If INDIA = AIDNI, then JAPAN = ?**

- A) NAPAJ
- B) NAPJA
- C) NJAPA
- D) NAAPJ

**Correct Answer: A**

**Q825. If MANGO = OGNAM, then PEACH = ?**

- A) HCAEP
- B) HCEAP
- C) HCAAP
- D) HEACP

**Correct Answer: A**

### Word Pattern

**Q826. If ROPE = 18+15+16+5 = 54, then CORD = ?**

- A) 39
- B) 41
- C) 43
- D) 45

**Correct Answer: C**

**Q827. If MAP = 26 (13+1+16), then PAN = ?**

- A) 29
- B) 31
- C) 33
- D) 28

**Correct Answer: A**

### ***Number Substitution***

**Q828. Code 20-15-16 spells:**

- A) TOP
- B) TAP
- C) TIP
- D) TUP

**Correct Answer: A**

**Q829. Code 3-21-16 spells:**

- A) CUP
- B) CAP
- C) COP
- D) CIP

**Correct Answer: A**

### ***Mixed Coding***

**Q830. If GREEN = 49, BLUE = 42, then RED = ?**

- A) 27
- B) 30
- C) 32
- D) 35

**Correct Answer: A**

### ***Letter Shift***

**Q831. If RING = SJOH (+1), then BELL = ?**

- A) CFMM
- B) CFML
- C) CEMM
- D) CDMM

**Correct Answer: A**

**Q832. If HOME = IPNF (+1), then DOOR = ?**

- A) EPPS
- B) EQPS
- C) DPPS
- D) EPPT

**Correct Answer: A**

***Reverse Coding***

**Q833. If CLEAR = RAELC, then SMOKE = ?**

- A) EKOMS
- B) EOKMS
- C) EMOKS
- D) ESOMK

**Correct Answer: A**

***Word Pattern***

**Q834. If SEA = 28 (19+5+1), then SKY = ?**

- A) 55
- B) 52
- C) 54
- D) 50

**Correct Answer: A**

***Mixed Coding***

**Q835. If PIG = 32 (16+9+7), DOG = 26, then COW = ?**

- A) 41
- B) 43
- C) 45
- D) 47

**Correct Answer: C**

***Letter Shift***

**Q836. If RAIN = SBJO (+1), then WIND = ?**

- A) XJOE
- B) XJOF
- C) XIOE
- D) XJPE

**Correct Answer: A**

***Number Substitution***

**Q837. Code 2-5-1-18 spells:**

- A) BEAR
- B) BEAD
- C) BEAM
- D) BEAT

**Correct Answer: A**

***Reverse Coding***

**Q838. ALERT reversed is:**

- A) TRELA
- B) TELRA
- C) TARLE
- D) TLERA

**Correct Answer: A**

***Word Pattern***

**Q839. If JAM = 24 (10+1+13), then JAR = ?**

- A) 28
- B) 29
- C) 30
- D) 27

**Correct Answer: B**

***Mixed Coding***

**Q840. In a code, LION = MJPO (+1 each). Then BEAR = ?**

- A) CFBS
- B) CFAS
- C) CEBS
- D) DFBS

**Correct Answer: A**

***Letter Shift***

**Q841. If CODE = DPEF (+1), then JAVA = ?**

- A) KBWB
- B) KBWA
- C) KAWB
- D) KBVB

**Correct Answer: A**

***Reverse Coding***

**Q842. HOUSE reversed:**

- A) ESUOH
- B) ESOUH
- C) ESUHO
- D) EUHSO

**Correct Answer: A**

***Word Pattern***

**Q843. KING = 11+9+14+7 = 41. DUKE = ?**

- A) 40
- B) 41
- C) 42
- D) 43

**Correct Answer: B**

***Number Substitution***

**Q844. Code 19-5-20 spells:**

- A) SET
- B) SAT
- C) SIT
- D) SUT

**Correct Answer: A**

***Mixed Coding***

**Q845. If FILE = GJMF (+1), then SAVE = ?**

- A) TBWF
- B) TBVF
- C) TAWF
- D) TCWF

**Correct Answer: A**

***Letter Shift***

**Q846. Shift -1: CAR becomes:**

- A) BBQ
- B) BAR
- C) BZQ
- D) BAQ

**Correct Answer: C**

***Reverse Coding***



**Q847. SPEED reversed:**

- A) DEEPS
- B) DEPES
- C) DEEPR
- D) DEPSE

**Correct Answer: A**

***Word Pattern***

**Q848. WINE = 23+9+14+5 = 51. BEER = ?**

- A) 26
- B) 28
- C) 24
- D) 22

**Correct Answer: A**

***Letter Shift***

**Q849. If HOPE = KRSH (+3 each), then LIFE = ?**

- A) OLIH
- B) OLHH
- C) OLII
- D) OLIJ

**Correct Answer: A**

***Mixed Coding***

**Q850. If APPLE = 50, GRAPE = 50, what is PEACH?**

- A) 31
- B) 33
- C) 35
- D) 37

**Correct Answer: C**

## Number Series

***Missing Term***

**Q851. Next: 1, 3, 6, 10, 15, ?**

- A) 18
- B) 20
- C) 21
- D) 24

**Correct Answer: C**

**Q852. Next: 2, 6, 12, 20, ?**

- A) 28
- B) 30
- C) 32
- D) 36

**Correct Answer: B**

***Arithmetic Pattern***

**Q853. 2, 7, 12, 17, ?**

- A) 20
- B) 21
- C) 22
- D) 23

**Correct Answer: C**

**Q854. 45, 39, 33, 27, ?**

- A) 20
- B) 21
- C) 22
- D) 23

**Correct Answer: B**

***Geometric Pattern***

**Q855. 4, 16, 64, 256, ?**

- A) 512
- B) 768
- C) 1024
- D) 1280

**Correct Answer: C**

**Q856. 729, 243, 81, 27, ?**

- A) 3
- B) 6
- C) 9
- D) 12

**Correct Answer: C**

***Mixed Pattern***

**Q857. 2, 5, 11, 20, 32, ?**

- A) 42
- B) 45
- C) 47
- D) 50

**Correct Answer: C**

***Wrong Term***

**Q858. Wrong: 3, 9, 27, 80, 243?**

- A) 9
- B) 27
- C) 80
- D) 243

**Correct Answer: C**

***Missing Term***

**Q859. Next: 5, 11, 23, 47, ?**

- A) 83
- B) 89
- C) 93
- D) 95

**Correct Answer: D**

***Arithmetic Pattern***

**Q860. 111, 122, 133, 144, ?**

- A) 150
- B) 155
- C) 160
- D) 166

**Correct Answer: B**

***Geometric Pattern***

**Q861. 1, 5, 25, 125, ?**

- A) 250
- B) 375
- C) 525
- D) 625

**Correct Answer: D**

***Mixed Pattern***

**Q862. 1, 2, 5, 10, 17, ?**

- A) 24
- B) 26
- C) 28
- D) 30

**Correct Answer: B**

***Wrong Term***

**Q863. Wrong: 10, 20, 30, 45, 50, 60?**

- A) 20
- B) 30
- C) 45
- D) 50

**Correct Answer: C**

***Missing Term***

**Q864. Next: 144, 121, 100, 81, ?**

- A) 62
- B) 64
- C) 60
- D) 72

**Correct Answer: B**

***Arithmetic Pattern***

**Q865. 7, 11, 15, 19, ?**

- A) 22
- B) 23
- C) 24
- D) 25

**Correct Answer: B**

***Geometric Pattern***

**Q866. 1, 4, 16, 64, ?**

- A) 128
- B) 196
- C) 256
- D) 512

**Correct Answer: C**

***Mixed Pattern***

**Q867. 3, 4, 7, 11, 18, ?**

- A) 25
- B) 27
- C) 29
- D) 31

**Correct Answer: C**

***Wrong Term***

**Q868. Wrong: 1, 8, 27, 64, 124, 216?**

- A) 8
- B) 64
- C) 124
- D) 216

**Correct Answer: C**

***Missing Term***

**Q869. 1, 1, 2, 3, 5, 8, 13, 21, ?**

- A) 29
- B) 32
- C) 34
- D) 36

**Correct Answer: C**

***Arithmetic Pattern***

**Q870. 99, 88, 77, 66, ?**

- A) 50
- B) 55
- C) 44
- D) 45

**Correct Answer: B**

***Geometric Pattern***

**Q871. 2, 10, 50, 250, ?**

- A) 500
- B) 750
- C) 1000
- D) 1250

**Correct Answer: D**

***Mixed Pattern***

**Q872. 1, 3, 8, 19, 42, ?**

- A) 85
- B) 89
- C) 93
- D) 97

**Correct Answer: B**

***Wrong Term***

**Q873. Wrong: 2, 5, 10, 50, 250, 1250?**

- A) 5
- B) 10
- C) 50
- D) 250

**Correct Answer: B**

***Missing Term***

**Q874. 11, 13, 17, 19, 23, ?**

- A) 25
- B) 27
- C) 29
- D) 31

**Correct Answer: C**

***Arithmetic Pattern***

**Q875. 1000, 975, 950, 925, ?**

- A) 890
- B) 895
- C) 900
- D) 905

**Correct Answer: C**

***Geometric Pattern***

**Q876. 7, 49, 343, ?**

- A) 2401
- B) 3401
- C) 2101
- D) 1961

**Correct Answer: A**

***Mixed Pattern***

**Q877. 0, 3, 8, 15, 24, ?**

- A) 33
- B) 35
- C) 37
- D) 39

**Correct Answer: B**

***Wrong Term***

**Q878. Wrong: 4, 9, 16, 24, 36, 49?**

- A) 9
- B) 16
- C) 24
- D) 36

**Correct Answer: C**

***Missing Term***

**Q879. 2, 2, 4, 12, 48, ?**

- A) 96
- B) 192
- C) 200
- D) 240

**Correct Answer: D**

***Mixed Pattern***

**Q880. 1, 2, 2, 4, 8, ?**

- A) 16
- B) 24
- C) 32
- D) 48

**Correct Answer: C**

## Cube & Dice Logic

***Painted Cube***

**Q881. A 3x3x3 cube painted red on all 6 faces: total unit cubes?**

- A) 9
- B) 18
- C) 27
- D) 36

**Correct Answer: C**

***Dice Faces***

**Q882. If 5 is on top and 2 is facing you on a standard die, what is on your right?**

- A) 3
- B) 4
- C) 1
- D) 6

**Correct Answer: A**

**Counting / Stacking**

**Q883. 2 cubes stacked vertically: how many faces visible from outside?**

- A) 8
- B) 9
- C) 10
- D) 12

**Correct Answer: C**

**Age-based Logic****Present Age**

**Q884. Average age of A, B, C is 30. If D joins, average becomes 25. D's age is:**

- A) 10
- B) 15
- C) 20
- D) 25

**Correct Answer: A**

**Future Age**

**Q885. If I am 20 today, how old was I 5 years ago?**

- A) 10
- B) 12
- C) 15
- D) 18

**Correct Answer: C**

**Past Age**

**Q886. 12 years ago, the ratio of A:B ages was 1:2. Now A is 24. B is now?**

- A) 36
- B) 30
- C) 28
- D) 24

**Correct Answer: A**

**Ratio Problems**

**Q887. A and B ages in ratio 3:5. A is 18. B is?**

- A) 25
- B) 28
- C) 30
- D) 35

**Correct Answer: C**



**Complex Problems**

**Q888.** P is twice Q's age. 10 yrs ago, P was thrice Q's age. P is now?

- A) 30
- B) 35
- C) 40
- D) 45

**Correct Answer: C**

**Ratio-based Logic****Basic Ratio**

**Q889.** Divide 200 in ratio 3:7. Larger part?

- A) 60
- B) 100
- C) 120
- D) 140

**Correct Answer: D**

**Proportion**

**Q890.** 4 taps fill a tank in 6 hours. 6 taps fill it in?

- A) 3 hrs
- B) 4 hrs
- C) 5 hrs
- D) 8 hrs

**Correct Answer: B**

**Mixture**

**Q891.** A 30-litre mix has milk:water = 3:2. How much milk?

- A) 12
- B) 15
- C) 18
- D) 20

**Correct Answer: C**

**Basic Ratio**

**Q892.** Two numbers in ratio 5:8 add to 52. Smaller number?

- A) 15
- B) 18
- C) 20
- D) 25

**Correct Answer: C**

## Remainder & Logic

### *Remainder*

**Q893. Remainder of 999 / 7?**

- A) 5
- B) 4
- C) 3
- D) 6

**Correct Answer: D**

### *Logical Deduction*

**Q894. Some A are B. All B are C. Therefore:**

- A) Some A are C
- B) All A are C
- C) No A is C
- D) All C are A

**Correct Answer: A**

### *Odd One Out*

**Q895. Odd one: 4, 9, 16, 25, 32, 49**

- A) 9
- B) 16
- C) 32
- D) 49

**Correct Answer: C**

### *Clock / Calendar*

**Q896. How many months have 31 days?**

- A) 5
- B) 6
- C) 7
- D) 8

**Correct Answer: C**

### *Remainder*

**Q897. Remainder of 625 / 13?**

- A) 1
- B) 2
- C) 3
- D) 4

**Correct Answer: A**

**Logical Deduction**

**Q898.** All birds can fly. Penguin is a bird. Conclusion: Penguin can fly. This argument is:

- A) Logically valid
- B) Logically invalid
- C) Logically valid but factually wrong
- D) Cannot determine

**Correct Answer: C**

**Odd One Out**

**Q899.** Odd: Rose, Jasmine, Lily, Carrot

- A) Rose
- B) Jasmine
- C) Lily
- D) Carrot

**Correct Answer: D**

**Clock / Calendar**

**Q900.** If Dec 25 is Wednesday, what day is Jan 1 (next year, non-leap)?

- A) Tuesday
- B) Wednesday
- C) Thursday
- D) Friday

**Correct Answer: B**

**Direction Sense****Basic Movement**

**Q901.** A boy walks 4 km East, then 3 km North. His distance from start?

- A) 5 km
- B) 7 km
- C) 1 km
- D) 6 km

**Correct Answer: A**

**Turns & Rotation**

**Q902.** Facing North-East, turn 135 degrees clockwise. Now facing:

- A) South
- B) South-East
- C) South-West
- D) West

**Correct Answer: A**

**Complex Paths**

**Q903.** Start facing North. Walk 10 m, turn right, walk 10 m, turn right, walk 10 m, turn right, walk 10 m. You are:

- A) 10 m East
- B) At start
- C) 10 m North
- D) 20 m away

**Correct Answer: B**

**Shadow-Based**

**Q904.** In the morning, Ravi's shadow falls towards the West. He is facing:

- A) North
- B) South
- C) East
- D) West

**Correct Answer: B**

**Relative Position**

**Q905.** X is North of Y. Z is West of X. Z is \_\_\_\_\_ of Y.

- A) North-West
- B) South-West
- C) North-East
- D) South-East

**Correct Answer: A**

**Distance & Position**

**Q906.** Walk 15 m South, 20 m East. Distance from start?

- A) 25 m
- B) 35 m
- C) 5 m
- D) 10 m

**Correct Answer: A**

**Basic Movement**

**Q907.** A person facing South-West turns 90 degrees anti-clockwise. Now facing:

- A) South-East
- B) North-West
- C) North-East
- D) East

**Correct Answer: A**

**Complex Paths**

**Q908. Walk 8 km N, 6 km W, 8 km S. Distance from start?**

- A) 6 km
- B) 8 km
- C) 14 km
- D) 22 km

**Correct Answer: A**

**Turns & Rotation**

**Q909. Facing West, turn 360 degrees. Now facing:**

- A) North
- B) South
- C) East
- D) West

**Correct Answer: D**

**Relative Position**

**Q910. Library is East of School. Park is North of Library. Park is \_\_\_\_\_ of School.**

- A) North-East
- B) South-East
- C) North-West
- D) South-West

**Correct Answer: A**

**Blood Relations****Basic Relations**

**Q911. My father's only brother's wife is my:**

- A) Mother
- B) Aunt
- C) Cousin
- D) Sister

**Correct Answer: B**

**Generations**

**Q912. My daughter's son is my:**

- A) Son
- B) Nephew
- C) Grandson
- D) Brother

**Correct Answer: C**

**Complex Puzzle**

**Q913. A + B means A is father of B. If P + Q + R, then R is P's:**

- A) Son
- B) Grandchild
- C) Brother
- D) Father

**Correct Answer: B**

**Coded Relations**

**Q914. If @ = mother of, # = father of: X @ Y # Z means?**

- A) X is mother of Y, Y is father of Z
- B) X is father of Y
- C) Z is mother of X
- D) Y is mother of Z

**Correct Answer: A**

**Siblings**

**Q915. A and B are children of C. D is A's son. D is C's:**

- A) Son
- B) Grandson
- C) Brother
- D) Nephew

**Correct Answer: B**

**In-Laws**

**Q916. My daughter's husband's father is my:**

- A) Father
- B) Father-in-law
- C) Co-father-in-law (Samdhi)
- D) Brother

**Correct Answer: C**

**Father / Mother**

**Q917. She is the daughter of my grandmother. She is not my mother. She is my:**

- A) Sister
- B) Aunt
- C) Cousin
- D) Niece

**Correct Answer: B**

**Basic Relations**

**Q918. My nephew is my brother's:**

- A) Father
- B) Son
- C) Brother
- D) Uncle

**Correct Answer: B**

### ***Generations***

**Q919. My great-grandfather's son is my:**

- A) Father
- B) Grandfather
- C) Uncle
- D) Great-uncle

**Correct Answer: B**

### ***Complex Puzzle***

**Q920. M is the sister of N. N is the brother of O. O is the son of P. How is M related to P?**

- A) Sister
- B) Mother
- C) Daughter
- D) Wife

**Correct Answer: C**

## **Ranking & Order**

### ***Position from Left/Right***

**Q921. In a row of 55, A is 28th from left. Position from right?**

- A) 27th
- B) 28th
- C) 29th
- D) 26th

**Correct Answer: B**

### ***Class Rank***

**Q922. In a class of 90, Priya is 45th from top. Her rank from bottom?**

- A) 45th
- B) 46th
- C) 47th
- D) 44th

**Correct Answer: B**

***Between Two People***

**Q923.** Row of 30. A is 10th from left, B 10th from right. Between them?

- A) 10
- B) 11
- C) 9
- D) 8

**Correct Answer: A**

***Interchanging Positions***

**Q924.** A is 12th from left, B 18th from right. After swap, A becomes 18th from right. Total at least?

- A) 29
- B) 30
- C) 28
- D) 31

**Correct Answer: A**

***Linear Arrangement***

**Q925.** 5 friends A-E in a row. C is in the middle. A is at left end. B is between A and C. D is to right of C. E is at right end. Who is 4th from left?

- A) D
- B) E
- C) C
- D) B

**Correct Answer: A**

***Position from Left/Right***

**Q926.** In a row, you are 15th from both left and right. How many people in the row?

- A) 29
- B) 30
- C) 31
- D) 28

**Correct Answer: A**

***Class Rank***

**Q927.** In class of 100, A is 1st. His rank from bottom is:

- A) 99th
- B) 100th
- C) 101st
- D) 98th

**Correct Answer: B**



***Between Two People***

**Q928.** Row of 42. X is 15th from left, Y is 15th from right. Between them?

- A) 12
- B) 13
- C) 11
- D) 14

**Correct Answer: A**

***Linear Arrangement***

**Q929.** P, Q, R, S sit in a line. R is between P and S. Q is at one end. P is not at any end. Order (left to right)?

- A) Q P R S
- B) S R P Q
- C) Q R P S
- D) P Q R S

**Correct Answer: A**

***Position from Left/Right***

**Q930.** In a row, M is 22nd from left and 22nd from right. Total?

- A) 42
- B) 43
- C) 44
- D) 41

**Correct Answer: B**

## Alphabet Reasoning

***Letter Position***

**Q931.** Which letter is 5th to the right of the 10th letter?

- A) N
- B) O
- C) P
- D) Q

**Correct Answer: B**

***Reverse Alphabet***

**Q932.** In Z=1 to A=26, the value of F =

- A) 21
- B) 20
- C) 22
- D) 19

**Correct Answer: A**

### ***Word Formation***

**Q933. Rearrange PAINT alphabetically. 2nd letter?**

- A) A
- B) I
- C) N
- D) P

**Correct Answer: B**

### ***Series Pattern***

**Q934. Next: B, D, G, K, ?**

- A) N
- B) O
- C) P
- D) Q

**Correct Answer: C**

### ***Gaps & Midpoint***

**Q935. How many letters between J and Q?**

- A) 5
- B) 6
- C) 7
- D) 4

**Correct Answer: B**

### ***Number-Letter Coding***

**Q936. A=1... SUN (19+21+14) = ?**

- A) 52
- B) 54
- C) 56
- D) 58

**Correct Answer: B**

### ***Series Pattern***

**Q937. Next: M, J, G, D, ?**

- A) B
- B) A
- C) C
- D) Z

**Correct Answer: B**

### ***Word Formation***

**Q938. How many 3-letter words can be formed using A, B, C (without repetition)?**

- A) 3
- B) 4
- C) 6
- D) 8

**Correct Answer: C**

### ***Letter Position***

**Q939. The 21st letter of the alphabet is:**

- A) T
- B) U
- C) V
- D) W

**Correct Answer: B**

### ***Gaps & Midpoint***

**Q940. Midpoint between A and Y:**

- A) L
- B) M
- C) N
- D) O

**Correct Answer: B**

## **Coding & Decoding**

### ***Letter Shift***

**Q941. If DARK = FCTN (+2), then MOON = ?**

- A) OQQP
- B) OPQP
- C) OQQR
- D) OQPP

**Correct Answer: A**

### ***Reverse Coding***

**Q942. TRAIN reversed:**

- A) NIART
- B) NIATR
- C) NRAIT
- D) NTIAR

**Correct Answer: A**

**Word Pattern**

**Q943.** GATE =  $7+1+20+5 = 33$ . LATE = ?

- A) 37
- B) 38
- C) 39
- D) 40

**Correct Answer: C**

**Mixed Coding**

**Q944.** If BLACK = 29 ( $2+12+1+3+11$ ), WHITE = ?

- A) 65
- B) 58
- C) 62
- D) 67

**Correct Answer: A**

**Number Substitution**

**Q945.** Code 4-15-7 spells:

- A) DOG
- B) DIG
- C) DAG
- D) DUG

**Correct Answer: A**

**Letter Shift**

**Q946.** If CARD = DBSE (+1), then PLAY = ?

- A) QMBZ
- B) QMAZ
- C) QMBY
- D) QLBZ

**Correct Answer: A**

**Reverse Coding**

**Q947.** NIGHT reversed:

- A) THGIN
- B) THGNI
- C) TGHNI
- D) TGHIN

**Correct Answer: A**

**Word Pattern**

**Q948. ACE = 1+3+5 = 9. FACE = ?**

- A) 14
- B) 15
- C) 16
- D) 17

**Correct Answer: B**

### ***Mixed Coding***

**Q949. If SIT = UKXV (each +2), then FIT = ?**

- A) HKVX
- B) HKVY
- C) HKVV
- D) HKVW

**Correct Answer: C**

### ***Letter Shift***

**Q950. If BRAIN = CSBJO (+1), then HEART = ?**

- A) IFBSU
- B) IFBST
- C) IFAST
- D) IHBSU

**Correct Answer: A**

## **Number Series**

### ***Missing Term***

**Q951. Next in: 0, 1, 1, 2, 3, 5, 8, ?**

- A) 11
- B) 12
- C) 13
- D) 14

**Correct Answer: C**

### ***Arithmetic Pattern***

**Q952. 3, 13, 23, 33, ?**

- A) 38
- B) 40
- C) 43
- D) 44

**Correct Answer: C**

***Geometric Pattern***

**Q953. 5, 15, 45, 135, ?**

- A) 270
- B) 305
- C) 405
- D) 505

**Correct Answer: C**

***Mixed Pattern***

**Q954. 2, 3, 5, 8, 13, ?**

- A) 18
- B) 20
- C) 21
- D) 23

**Correct Answer: C**

***Wrong Term***

**Q955. Wrong: 2, 4, 8, 16, 30, 64?**

- A) 4
- B) 8
- C) 16
- D) 30

**Correct Answer: D**

***Missing Term***

**Q956. Next: 1, 4, 9, 16, 25, 36, ?**

- A) 42
- B) 45
- C) 47
- D) 49

**Correct Answer: D**

***Arithmetic Pattern***

**Q957. 5, 15, 25, 35, ?**

- A) 40
- B) 45
- C) 50
- D) 55

**Correct Answer: B**

***Geometric Pattern***

**Q958. 1000, 200, 40, 8, ?**

- A) 1.6
- B) 2
- C) 1.2
- D) 0.8

**Correct Answer: A**

### *Mixed Pattern*

**Q959. 1, 4, 10, 22, 46, ?**

- A) 72
- B) 84
- C) 94
- D) 100

**Correct Answer: C**

### *Wrong Term*

**Q960. Wrong: 1, 3, 9, 27, 82, 243?**

- A) 3
- B) 9
- C) 27
- D) 82

**Correct Answer: D**

## Cube & Dice Logic

### *Painted Cube*

**Q961. A 4x4x4 cube: how many unit cubes with no paint?**

- A) 4
- B) 6
- C) 8
- D) 12

**Correct Answer: C**

### *Dice Faces*

**Q962. On a standard die, if 1 is on top, what is on the bottom?**

- A) 2
- B) 4
- C) 5
- D) 6

**Correct Answer: D**

***Dice Rotation***

**Q963.** A die with 3 on top is tilted forward once. If 2 was facing you, what is now on top?

- A) 2
- B) 5
- C) 4
- D) 1

**Correct Answer: A**

***Unfolded Cube***

**Q964.** An unfolded cross-shaped net: how many faces?

- A) 4
- B) 5
- C) 6
- D) 8

**Correct Answer: C**

***Counting / Stacking***

**Q965.** 3 cubes stacked in a line: visible faces from outside?

- A) 12
- B) 14
- C) 16
- D) 18

**Correct Answer: B**

***Painted Cube***

**Q966.** 3x3x3 cube: unit cubes with exactly 2 painted faces?

- A) 8
- B) 10
- C) 12
- D) 16

**Correct Answer: C**

***Dice Faces***

**Q967.** Opposite face of 3 on a standard die is:

- A) 1
- B) 2
- C) 4
- D) 5

**Correct Answer: C**

***Counting / Stacking***



**Q968. A cube of side 5 cm: how many 1-cm cubes in it?**

- A) 25
- B) 75
- C) 100
- D) 125

**Correct Answer: D**

#### ***Painted Cube***

**Q969. 2x2x2 cube painted: cubes with 3 painted faces?**

- A) 2
- B) 4
- C) 6
- D) 8

**Correct Answer: D**

#### ***Dice Rotation***

**Q970. A die shows 4 on top, 6 facing you. What is on the right?**

- A) 1
- B) 2
- C) 3
- D) 5

**Correct Answer: D**

## **Age-based Logic**

#### ***Present Age***

**Q971. Sum of ages of A and B is 50. A is 10 years older. A's age?**

- A) 25
- B) 30
- C) 35
- D) 20

**Correct Answer: B**

#### ***Future Age***

**Q972. B is 25 now. In how many years will B be 40?**

- A) 10
- B) 12
- C) 15
- D) 18

**Correct Answer: C**

**Past Age**

**Q973.** 5 years ago, C was 3 times D's age. Now C is 20. D is now?

- A) 10
- B) 12
- C) 15
- D) 8

**Correct Answer: A**

**Ratio Problems**

**Q974.** Ages of X and Y in ratio 4:5. After 5 years, ratio is 5:6. X's present age?

- A) 15
- B) 20
- C) 25
- D) 30

**Correct Answer: B**

**Complex Problems**

**Q975.** Father is 4 times son's age. After 16 years, father is twice son's age. Son's present age?

- A) 6
- B) 8
- C) 10
- D) 12

**Correct Answer: B**

## Ratio-based Logic

**Basic Ratio**

**Q976.** Divide 100 in 2:3. Larger part?

- A) 40
- B) 50
- C) 60
- D) 80

**Correct Answer: C**

**Proportion**

**Q977.** If 5 workers build a wall in 10 days, 10 workers build it in?

- A) 3 days
- B) 5 days
- C) 8 days
- D) 15 days

**Correct Answer: B**

**Mixture**

**Q978.** Mix 20 L milk and 5 L water. Ratio of milk to total?

- A) 4:5
- B) 3:5
- C) 4:1
- D) 1:5

**Correct Answer: A**

**Basic Ratio**

**Q979.** A:B = 2:3 and B:C = 3:4. A:B:C = ?

- A) 2:3:4
- B) 3:4:5
- C) 2:4:3
- D) 4:3:2

**Correct Answer: A**

**Proportion**

**Q980.** Speed and time are inversely proportional. If speed doubles, time becomes:

- A) Double
- B) Half
- C) Same
- D) Quarter

**Correct Answer: B**

## Remainder & Logic

**Remainder**

**Q981.** Remainder of 100 / 9?

- A) 1
- B) 2
- C) 3
- D) 4

**Correct Answer: A**

**Logical Deduction**

**Q982.** No cats are dogs. All dogs are animals. Therefore:

- A) Some cats are animals
- B) No cats are animals
- C) Some animals are not cats
- D) All animals are dogs

**Correct Answer: C**

**Odd One Out****Q983. Odd: Mercury, Venus, Moon, Mars**

- A) Mercury
- B) Venus
- C) Moon
- D) Mars

**Correct Answer: C****Clock / Calendar****Q984. A clock shows 3:15. Angle between hands?**

- A) 0 degrees
- B) 7.5 degrees
- C) 15 degrees
- D) 22.5 degrees

**Correct Answer: B****Remainder****Q985. Remainder of 256 / 6?**

- A) 2
- B) 4
- C) 6
- D) 0

**Correct Answer: B****Logical Deduction****Q986. All X are Y. Some Y are Z. Therefore:**

- A) All X are Z
- B) Some X may be Z
- C) No X is Z
- D) All Z are X

**Correct Answer: B****Odd One Out****Q987. Odd: January, March, June, July**

- A) January
- B) March
- C) June
- D) July

**Correct Answer: C****Clock / Calendar**

**Q988. How many days in a non-leap year?**

- A) 364
- B) 365
- C) 366
- D) 367

**Correct Answer: B**

### *Remainder*

**Q989. Remainder of 1000 / 3?**

- A) 0
- B) 1
- C) 2
- D) 3

**Correct Answer: B**

### *Odd One Out*

**Q990. Odd: 11, 13, 15, 17, 19**

- A) 11
- B) 13
- C) 15
- D) 17

**Correct Answer: C**

## Direction Sense

### *Distance & Position*

**Q991. Walk 30 m East then 40 m North. Distance from start?**

- A) 50 m
- B) 70 m
- C) 10 m
- D) 35 m

**Correct Answer: A**

## Blood Relations

### *Basic Relations*

**Q992. X's father's sister's son is X's:**

- A) Brother
- B) Cousin
- C) Uncle
- D) Nephew

**Correct Answer: B**

## Ranking & Order

### *Class Rank*

**Q993.** Class of 80. Aman is 40th from top. From bottom?

- A) 40th
- B) 41st
- C) 42nd
- D) 39th

**Correct Answer: B**

## Alphabet Reasoning

### *Letter Position*

**Q994.** 8th letter of the alphabet:

- A) G
- B) H
- C) I
- D) F

**Correct Answer: B**

## Coding & Decoding

### *Letter Shift*

**Q995.** If BLUE = CMVF (+1), then PINK = ?

- A) QJOL
- B) QIOL
- C) QJNL
- D) QJOK

**Correct Answer: A**

## Number Series

### *Missing Term*

**Q996.** Next: 3, 6, 12, 24, ?

- A) 36
- B) 42
- C) 48
- D) 50

**Correct Answer: C**

## Cube & Dice Logic

### *Painted Cube*

**Q997.** 3x3x3 painted cube: cubes with 1 painted face?

- A) 6
- B) 8
- C) 10
- D) 12

**Correct Answer: A**

## Age-based Logic

### *Present Age*

**Q998.** A is thrice B's age. Sum of ages is 48. A's age?

- A) 30
- B) 32
- C) 36
- D) 40

**Correct Answer: C**

## Ratio-based Logic

### *Basic Ratio*

**Q999.** Divide 120 in ratio 1:2:3. Largest part?

- A) 20
- B) 40
- C) 60
- D) 80

**Correct Answer: C**

## Remainder & Logic

### *Clock / Calendar*

**Q1000.** What is the day after 100 days from Monday?

- A) Wednesday
- B) Thursday
- C) Friday
- D) Saturday

**Correct Answer: B**