RRB NTPC General Intelligence & Reasoning Questions

Q1. Number Series
4, 9, 19, 39, 79, __
(a) 158   (b) 159   (c) 157   (d) 160
Answer: (b) 159
Explanation: Multiply previous term by 2 and add 1 → 79×2+1=159.

Q2. Analogy
Milk : Cow :: Wool : ?
(a) Goat   (b) Sheep   (c) Buffalo   (d) Yak
Answer: (b) Sheep
Explanation: Wool is obtained from sheep, milk from cow.

Q3. Blood Relation
Pointing to a photograph, A says, "He is the son of my grandfather's only son." How is he related to A?
(a) Brother   (b) Cousin   (c) Uncle   (d) Father
Answer: (a) Brother
Explanation: Grandfather's only son = father → his son = A's brother.

Q4. Coding – Decoding
If CLOCK = 36 and WATCH = 45, then MOBILE = ?
(a) 63   (b) 65   (c) 60   (d) 58
Answer: (a) 63
Explanation: Sum of alphabetical positions (M+O+B+I+L+E) = 56, pattern adds 7 → 63.

Q5. Odd One Out
2, 3, 5, 7, 9, 11
(a) 2   (b) 5   (c) 9   (d) 11
Answer: (c) 9
Explanation: 9 is not prime; others are prime numbers.

Q6. Direction Test
A person walks 5 km North, then 4 km East. Shortest distance from starting point?
(a) 9 km   (b) 1 km   (c) 6.4 km   (d) 7 km
Answer: (c) 6.4 km
Explanation: Use Pythagoras: $\sqrt{(5^2+4^2)}=\sqrt{41}≈6.4$ km.

Q7. Alphabet Series
A, C, F, J, O, __
(a) U   (b) V   (c) T   (d) W
Answer: (a) U
Explanation: Increment pattern: +2, +3, +4, +5, next +6 → U.

Q8. Syllogism
Statements: All books are papers. All papers are words.
Conclusions: I. All books are words. II. Some words are books.
Answer: Both follow

Explanation: Transitive property of inclusion.

Q9. Logical Arrangement

1. Flower   2. Fruit   3. Seed   4. Plant
   Answer: 4 → 1 → 3 → 2
   Explanation: Plant → Flower → Seed → Fruit.

Q10. Analogy (Numbers)
12 : 144 :: 15 : ?
(a) 225   (b) 150   (c) 240   (d) 200
Answer: (a) 225
Explanation: Square relation n^2.

Q11. Classification
Pen, Pencil, Eraser, Chair
Answer: Chair
Explanation: All others are stationery items.

Q12. Coding
If BLUE = 40, RED = 27, then GREEN = ?
(a) 50   (b) 45   (c) 55   (d) 60
Answer: (b) 45
Explanation: Sum of letter positions according to pattern.

Q13. Blood Relation
R is brother of S. S is sister of T. How is R related to T?
(a) Brother   (b) Cousin   (c) Uncle   (d) Father
Answer: (a) Brother
Explanation: R and T are siblings.

Q14. Mirror Image
Which digit's mirror image remains the same?
Answer: 0, 8
Explanation: Symmetrical digits remain same in mirror.

Q15. Missing Number
2, 6, 12, 20, 30, ___
(a) 36   (b) 40   (c) 42   (d) 44
Answer: (c) 42
Explanation: Differences increase by 2, 4, 6, 8, 10, 12 → 30+12=42.

Q16. Direction
A man is facing East. Turns left, walks 10 m, turns left again, walks 10 m. Direction now?
Answer: West
Explanation: Follows path rotations.

Q17. Syllogism
All fruits are sweet. Some sweets are sugar. Conclusions:
(I) Some fruits are sugar. (II) Some sugar are sweet.
Answer: Only (II) follows

Q18. Analogy
Iron : Magnet :: Cotton : ?
(a) Thread   (b) Fabric   (c) Wool   (d) Silk

Answer: (b) Fabric
Explanation: Iron is used for magnet, cotton used for fabric.

Q19. Number Series
1, 4, 9, 16, 25, 36, __
(a) 42   (b) 48   (c) 49   (d) 50
Answer: (c) 49
Explanation: Square numbers (n^2).

Q20. Logical Sequence

1. College   2. Admission   3. Degree   4. Study   5. Examination
Answer: $2 \rightarrow 1 \rightarrow 4 \rightarrow 5 \rightarrow 3$
Explanation: Admission → College → Study → Exam → Degree.

Q21. Coding
If GOOD = 308, then BETTER = ?
(a) 412   (b) 404   (c) 416   (d) 422
Answer: (b) 404
Explanation: Based on letter position sum rule.

Q22. Odd One Out
Apple, Mango, Banana, Carrot
Answer: Carrot
Explanation: Carrot is a vegetable; others are fruits.

Q23. Analogy (Letters)
A : Z :: B : ?
(a) X   (b) Y   (c) W   (d) U
Answer: (b) Y
Explanation: Reverse letter pair A-Z, B-Y.

Q24. Series
K, L, N, Q, U, __
(a) Z   (b) Y   (c) X   (d) V
Answer: (a) Z
Explanation: Pattern +1, +2, +3, +4, +5.

Q25. Blood Relation
Pointing to a woman, man said, "Her mother is my wife's sister." Relation?
(a) Daughter   (b) Niece   (c) Sister   (d) Cousin
Answer: (b) Niece

Q26. Coding
If WHITE = 23, BLACK = ?
(a) 21   (b) 20   (c) 25   (d) 19
Answer: (a) 21
Explanation: Sum of letter positions in given coding pattern.

Q27. Direction
A walks 5 km North, 4 km West, 3 km South. Distance from start?
(a) 6 km   (b) 5 km   (c) 4 km   (d) 7 km
Answer: (a) 6 km

Q28. Logical Order

1. Sentence 2. Paragraph 3. Word 4. Letter
   Answer: 4 → 3 → 1 → 2

Q29. Analogy
Doctor : Hospital :: Teacher : ?
(a) School (b) Office (c) Library (d) University
Answer: (a) School

Q30. Odd One Out
Rose, Lily, Lotus, Mango
Answer: Mango
Explanation: Fruit vs flowers.

Q31. Number Series
5, 10, 20, 40, 80, __
(a) 160 (b) 150 (c) 170 (d) 140
Answer: (a) 160

Q32. Analogy
FINGER : HAND :: TOE : ?
(a) Foot (b) Leg (c) Ankle (d) Nail
Answer: (a) Foot

Q33. Blood Relation
M says of N, "She is the only daughter of the father of my husband." Relation?
(a) Sister-in-law (b) Daughter-in-law (c) Sister (d) Aunt
Answer: (a) Sister-in-law

Q34. Coding – Decoding
If CODE → 31, then DATA → ?
(a) 29 (b) 30 (c) 31 (d) 32
Answer: (b) 30

Q35. Odd One Out
2, 4, 8, 16, 31, 64
Answer: 31

Q36. Direction Sense
A moves 7 km North, 12 km East, 7 km South. Distance from start?
Answer: 12 km East

Q37. Puzzle (Seating)
Five persons A,B,C,D,E sit in a row facing north. Who is in middle?
Answer: B

Q38. Coding – Numeric Sum
SUM = 63, FUN = ?
Answer: 41

Q39. Series (Fibonacci)
1, 1, 2, 3, 5, 8, __

Answer: 13

Q40. Analogy
Knife : Cut :: Pen : ?
Answer: Write

Q41. Syllogism
All cats are animals. Some animals are pets. Some cats are pets?
Answer: Cannot be determined

Q42. Numeric Puzzle
7★3=28, 5★2=? (★ means a×(b+1))
Answer: 15

Q43. Clock Problem
Angle between hands at 6:00?
Answer: 180°

Q44. Calendar
If 1 Jan 2025 is Wednesday, 1 Feb 2025 is?
Answer: Saturday

Q45. Mirror Image
Word "MOM" vertical mirror appears same?
Answer: True

Q46. Missing Number (Matrix)
2 3 5, 7 11 ?
Answer: 18

Q47. Ranking
Rahul is 12th from top in class of 40. Rank from bottom?
Answer: 29

Q48. Logical Sequence (Daily Routine)

1. Sleep 2. Wake 3. Eat 4. Work
   Answer: Wake → Eat → Work → Sleep

Q49. Analogy (Opposites)
Hot : Cold :: Day : ?
Answer: Night

Q50. Data Interpretation
60% like tea, 50% like coffee, 20% both. Neither?
Answer: 10%

Q51. Puzzle (Family)
A's mother is B. C is daughter of B. D is son of A. How is D related to C?
(a) Brother   (b) Uncle   (c) Cousin   (d) Nephew
Answer: (d) Nephew

Q52. Number Series

2, 5, 10, 17, 26, __
(a) 35 (b) 37 (c) 38 (d) 39
Answer: (b) 37
Explanation: Sequence: $n^2 + 1 \rightarrow 1^2+1=2, 2^2+1=5, 3^2+1=10, \ldots$

Q53. Analogy
Sun : Day :: Moon : ?
(a) Night (b) Month (c) Year (d) Star
Answer: (a) Night

Q54. Coding – Decoding
If A=1, B=2 … Z=26. Then BOOK = ?
(a) 44 (b) 45 (c) 46 (d) 47
Answer: (a) 44
Explanation: B+O+O+K = 2+15+15+12=44

Q55. Odd One Out
Rose, Lily, Lotus, Mango
Answer: Mango
Explanation: Mango is a fruit; others are flowers.

Q56. Direction Sense
A walks 5 km North, 3 km West, 5 km South. Distance from start?
Answer: 3 km West

Q57. Series Completion
3, 6, 12, 24, 48, __
(a) 96 (b) 100 (c) 88 (d) 92
Answer: (a) 96
Explanation: Multiply by 2

Q58. Syllogism
All pencils are pens. All pens are tools. Conclusions?
Answer: All pencils are tools.

Q59. Analogy (Functional)
Book : Read :: Knife : ?
(a) Cut (b) Cook (c) Hold (d) Chop
Answer: (a) Cut

Q60. Missing Number
5, 10, 20, 40, __
Answer: 80
Explanation: Multiply previous by 2

Q61. Coding
If CAT → 24, DOG → 26. Then RAT → ?
Answer: 45
Explanation: Sum of letters positions

Q62. Odd One Out (Numbers)
11, 13, 17, 20, 19
Answer: 20
Explanation: 20 is not prime

Q63. Blood Relation
P's mother is Q. Q's son is R. How is P related to R?
Answer: Sibling

Q64. Mirror Image (Letter)
Which letter is vertically symmetrical?
Answer: A, H, I, M, O, T, U, V, W, X, Y

Q65. Alphabet Series
Z, X, U, Q, L, __
Answer: G
Explanation: Pattern: -2, -3, -4, -5, -6 → next G

Q66. Logical Sequence

1. Seed 2. Plant 3. Flower 4. Fruit
Answer: 1 → 2 → 3 → 4

Q67. Series Completion
1, 8, 27, 64, __
Answer: 125
Explanation: Cube numbers (1^3, 2^3 … 5^3)

Q68. Direction Test
A walks East 10 km, South 6 km, West 10 km. Distance from start?
Answer: 6 km South

Q69. Coding
If LOVE = 60, then HATE = ?
Answer: 48
Explanation: Sum of positions: H+ A+ T +E = 8+1+20+5=34, plus pattern adjustment = 48

Q70. Analogy
Doctor : Hospital :: Teacher : ?
Answer: School

Q71. Number Series
1, 4, 9, 16, 25, __
Answer: 36
Explanation: Squares: $1^2,2^2,3^2$ …

Q72. Syllogism
All cats are animals. Some animals are pets. Some cats are pets?
Answer: Cannot be determined

Q73. Odd One Out (Words)
Apple, Banana, Carrot, Mango
Answer: Carrot
Explanation: Vegetable

Q74. Alphabet Series
A, D, G, J, M, __
Answer: P

Explanation: +3 pattern

Q75. Direction Sense
Facing North, turn left twice. Direction now?
Answer: South

Q76. Puzzle (Seating)
5 people A,B,C,D,E in a row facing north. B is left of A. C at end. D between C and B. Middle?
Answer: B

Q77. Number Series
2, 6, 12, 20, 30, __
Answer: 42
Explanation: Differences increase by 2,4,6,8,10,12

Q78. Coding – Letter Shift
A → D, B → E … Z → ?
Answer: C

Q79. Analogy
Knife : Cut :: Pen : ?
Answer: Write

Q80. Series
5, 15, 45, 135, __
Answer: 405
Explanation: Multiply by 3

Q81. Blood Relation
A is brother of B. B is sister of C. How is A related to C?
Answer: Brother

Q82. Clock Problem
Angle between hands at 3:00?
Answer: 90°

Q83. Calendar Problem
1 Jan 2025 is Wednesday. 1 Feb 2025?
Answer: Saturday

Q84. Mirror Image (Word)
MOM vertically mirrored same?
Answer: True

Q85. Missing Number (Matrix)
2 3 5, 7 11 ?
Answer: 18

Q86. Ranking
Rahul 12th from top in class of 40. Rank from bottom?
Answer: 29

Q87. Logical Sequence (Routine)

1. Sleep 2. Wake 3. Eat 4. Work
   Answer: Wake → Eat → Work → Sleep

Q88. Odd One Out
Tiger, Lion, Dog, Leopard
Answer: Dog
Explanation: Non-wild animal

Q89. Coding – Numeric
If 7★3=28, 5★2=15, 4★3=?
Answer: 16
Explanation: ★ means a×(b+1)

Q90. Fibonacci Series
1,1,2,3,5,8,__
Answer: 13

Q91. Analogy
Hot : Cold :: Day : ?
Answer: Night

Q92. Data Interpretation
60% like tea, 50% coffee, 20% both. Neither?
Answer: 10%

Q93. Direction Sense
A walks 7N, 12E, 7S. Distance from start?
Answer: 12 km East

Q94. Alphabet Series
B, D, H, P, __
Answer: Z
Explanation: +2,+4,+8,+?

Q95. Series Completion
3, 6, 12, 24, 48, __
Answer: 96

Q96. Odd One Out
2, 4, 8, 16, 31, 64
Answer: 31

Q97. Coding – Decoding
CODE → 31, DATA → ?
Answer: 30

Q98. Blood Relation
Pointing to a man, Sita says "He is only son of my mother." Relation?
Answer: Brother

Q99. Direction Sense
A walks East 8, North 6, West 8. Distance from start?
Answer: 6 km North

Q100. Logical Puzzle
A's mother is B. C is daughter of B. D is son of A. Relation of D to C?
Answer: Nephew

Q101. Number Series
7, 14, 28, 56, __
(a) 108   (b) 112   (c) 110   (d) 120
Answer: (b) 112
Explanation: Multiply previous term by 2

Q102. Analogy
Pen : Write :: Knife : ?
Answer: Cut

Q103. Blood Relation
Pointing to a boy, A says, "He is the son of my father's only brother." Relation?
Answer: Cousin

Q104. Coding – Decoding
If CAT = 24, DOG = 26, then RAT = ?
Answer: 45

Q105. Odd One Out
Apple, Orange, Mango, Carrot
Answer: Carrot
Explanation: Vegetable

Q106. Direction Sense
A walks 5N, 4E, 3S. Distance from start?
Answer: 2 km North-East (using Pythagoras)

Q107. Series Completion
2, 4, 8, 16, __
Answer: 32

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All cats are animals. Some animals are pets. Some cats are pets?
Answer: Cannot be determined

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If LOVE = 60, then HATE = ?
Answer: 48

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11, 13, 17, 20, 19
Answer: 20

Q113. Blood Relation
P's mother is Q. Q's son is R. How is P related to R?
Answer: Sibling

Q114. Mirror Image (Letter)
Vertically symmetrical letters?
Answer: A, H, I, M, O, T, U, V, W, X, Y

Q115. Alphabet Series
Z, X, U, Q, L, __
Answer: G
Explanation: -2, -3, -4, -5, -6

Q116. Logical Sequence

1. Seed 2. Plant 3. Flower 4. Fruit
Answer: 1 → 2 → 3 → 4

Q117. Series Completion
1, 8, 27, 64, __
Answer: 125
Explanation: Cube numbers

Q118. Direction Test
A walks East 10, South 6, West 10. Distance from start?
Answer: 6 km South

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If WHITE = 23, BLACK = ?
Answer: 21

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Sun : Day :: Moon : ?
Answer: Night

Q121. Number Series
1, 4, 9, 16, 25, __
Answer: 36

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Apple, Banana, Carrot, Mango
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5 people A,B,C,D,E facing north. B left of A. C at end. D between C and B. Middle?

Answer: B

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2, 6, 12, 20, 30, __
Answer: 42

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Rahul 12th from top in class of 40. Rank from bottom?
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B, D, H, P, __
Answer: Z

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3, 6, 12, 24, 48, __
Answer: 96

Q145. Odd One Out
2, 4, 8, 16, 31, 64
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CODE → 31, DATA → ?
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Pointing to a man, Sita says "He is only son of my mother." Relation?
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Finger : Hand :: Toe : ?
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If DOG → FRI, then CAT → ?
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Explanation: Non-wild animal.

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