
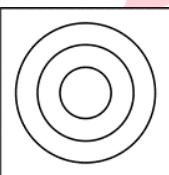
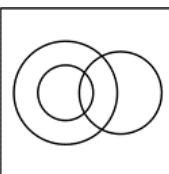
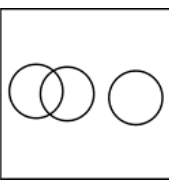


## RRB NTPC Most Expected Reasoning Section - 02

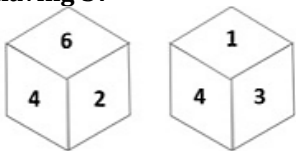
- Q1. Choose the odd one out from the following?**  
(a) Malaria  
(b) Dengue  
(c) Plague  
(d) Tetanus
- Q2. Which one of the following responses would be a meaningful order of the following?**  
1. Leaf  
2. Fruit  
3. Stem  
4. Roots  
5. Flower  
(a) 3, 4, 5, 1, 2  
(b) 4, 3, 1, 5, 2  
(c) 4, 1, 3, 5, 2  
(d) 4, 3, 1, 2, 5
- Q3. Rahul's father is the only son of Monica's mother. How is Monica's husband's mother-in-law related to Rahul?**  
(a) Mother  
(b) Grandmother  
(c) Sister  
(d) Aunt
- Q4. P, Q, R, S, T and U are sitting around a circular table facing the centre (but not necessarily in the same order). U sits to the immediate right of Q. Only two people sit between U and R. P sits to the immediate left of S. Which of the following represents the position of T with respect to S?**  
(a) Second to the left  
(b) Second to the right  
(c) Immediate right  
(d) Third to the left
- Q5. Three of the following four letter-clusters are alike in a certain way and one is different. Pick the odd one out. (NOTE: The odd one out is not based on the number of vowels or consonants in the word)**  
(a) JQF  
(b) NRI  
(c) SHO  
(d) VER
- Q6. Find the missing term in the following letter series:**  
**G I K, M O Q, S U W, ?, E G I,**  
(a) Y Z B  
(b) Z B D  
(c) Y A C  
(d) X Z B
- Q7. Shubham starts from Point A and drives 10 km towards south. He then takes a left turn, drives 6 km, turns left and drives 12 km. He then takes a left turn and drives 8 km. He takes a final left turn, drives 2 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are 90° turns only unless specified.)**  
(a) 3 km to the east  
(b) 3 km to the west  
(c) 2 km to the east  
(d) 2 km to the west

- Q8.** If 'Ravi' is the brother of 'Priya', Priya is the daughter of 'Savita', and 'Vaibhav' is the father of 'Nonu', who is the only son of Savita's father-in-law. How is 'Ravi' related to 'Vaibhav'?
- (a) Father  
(b) Grandfather  
(c) Grandson  
(d) Granddaughter
- Q9.** Naga is taller than Puspa, but not as tall as Manu. Rama is taller than Nita, but not as tall as Puspa. Who among them is tallest?
- (a) Manu  
(b) Puspa  
(c) Naga  
(d) Rama
- Q10.** Four of the following five are alike in a certain way and hence form a group. Which is the one that does not belong to that group?
- (a) Kitten  
(b) Goat  
(c) Calf  
(d) Lamb
- Q11.** If + means  $\times$ ,  $\times$  means  $-$ ,  $-$  means  $\div$ , and  $\div$  means  $+$ , what will be the value of the given expression?  
 $24 - 4 + 18 \times 3 \div 7$
- (a) 120  
(b) 98  
(c) 118  
(d) 112

- Q12.** Which one of the following diagrams correctly depicts brinjal, food, vegetable?

- (a) 
- (b) 
- (c) 
- (d) 

- Q13.** Six medical students, J, K, L, M, N and O completed their MBBS graduation from a reputed medical institute between 2014 and 2019. Each of them graduated in a different year. J graduated in the year immediately before the year N graduated. Only one medical student graduated between K and O. where K graduated before O. O graduated in 2019. If M graduated in 2014, then who graduated in 2016?
- (a) L  
(b) J  
(c) N  
(d) K
- Q14.** A, E, O, R, S and T are sitting around a circular table facing the centre (but not necessarily in the same order). Only one person sits between A and S. Only two people sit between S and E. R sits second to the left of E. T sits second to the left of A. Who is sitting to the immediate left of O?
- (a) T  
(b) S  
(c) R  
(d) A
- Q15.** In a certain code language, 'BROTHER' is written as '30-14-17-12-24-27-14', then how will 'TADPOLE' be written in that code language?
- (a) 12-31-26-16-17-19-27  
(b) 12-32-28-16-17-20-27  
(c) 12-31-28-16-17-20-27  
(d) 12-32-28-16-17-19-27
- Q16.** Which of the following two signs need to be interchanged to make the given equation correct?  
 $24 - 8 \div 4 + 5 \times 3 = 14$
- (a)  $\div$  and  $\times$   
(b)  $\times$  and  $-$   
(c)  $+$  and  $\div$   
(d)  $\div$  and  $-$
- Q17.** Select the number from among the given options that can replace the question mark (?) in the following series.  
10, 14, 34, 62, 130, ?
- (a) 250  
(b) 259  
(c) 254  
(d) 252
- Q18.** What will come in place of the question mark (?) in the following equation if 'a' means ' $\div$ ', 'b' means '+', 'c' means '-' and 'd' means ' $\times$ '?  
 $11 \text{ b } 15 \text{ c } 8 \text{ a } 4 \text{ d } 5 = ?$
- (a) 14  
(b) 15  
(c) 17  
(d) 16
- Q19.** In a certain code language,  
A < B means 'A is the sister of B'  
A ^ B means 'A is the son of B'  
A : B means 'A is the father of B'  
A + B means 'A is the wife of B'  
Based on the above, how is D related to N if ' $D : O \wedge M < A + N$ '?
- (a) Wife's sister's son  
(b) Wife's sister's husband  
(c) Wife's sister's mother  
(d) Wife's sister's father

- Q20.** Mohan starts from Point A and drives 24 km towards the east. He then takes a left turn, drives 32 km, turns left and drives 39 km. He then takes a left turn and drives 45 km. He takes a final left turn, drives 15 km and stops at Point P. How far (shortest distance) and towards which direction should he drive in order to reach Point A again? (All turns are  $90^\circ$  turns only unless specified.)
- (a) 12 km to the north  
(b) 10 km to the north  
(c) 16 km to the south  
(d) 13 km to the north
- Q21.** Find the wrong number from the following series:  
17, 34, 102, 408, 1020
- (a) 1020  
(b) 102  
(c) 408  
(d) 34
- Q22.** Select the numbers from among the given options that can replace the question marks (?) in the same sequence and make the series logically complete.  
35, 38, 32, ?, 29, ?, 26, 47
- (a) 45, 51  
(b) 41, 44  
(c) 37, 48  
(d) 39, 43
- Q23.** Two different positions of the same die are shown below. What is the number on the face opposite to the one having 5?
- 
- (a) 3  
(b) 6  
(c) 4  
(d) 1
- Q24.** Which of the following equations is correct when the numbers 12 and 6 are interchanged and the signs  $\div$  and  $+$  are interchanged?
- (a)  $6 \div 4 \times 5 - 12 + 3 = 30$   
(b)  $9 \div 6 \times 4 + 12 - 3 = 18$   
(c)  $12 \div 3 - 8 - 6 + 1 = 15$   
(d)  $4 - 6 \times 12 \div 5 + 7 = 22$
- Q25.** Select the option that indicates the correct arrangement of the following words in a logical and meaningful order.
1. Paragraph
  2. Letter
  3. Word
  4. Book
  5. Page
- (a) 1, 2, 3, 4, 5  
(b) 3, 1, 2, 4, 5  
(c) 2, 3, 1, 5, 4  
(d) 5, 4, 3, 2,

- Q26.** Three of the following four are alike in a certain way and thus form a group. Which is the one that does NOT belong to that group?  
(NOTE: The odd one out is not based on the number of vowels/consonants or their position in the letter-cluster).
- (a) ROM
  - (b) YVT
  - (c) GDB
  - (d) LHF
- Q27.** If 5 is added to each of the following numbers, and then the digits of each resulting number are reversed, and the numbers obtained in this way are arranged in ascending order, how many numbers will retain their original position?  
224, 637, 816, 471, 303
- (a) One
  - (b) Two
  - (c) Three
  - (d) Zero
- Q28.** In the word 'AMBIDEXTROUS', if the first letter is interchanged with the last letter, the second letter is interchanged with the eleventh letter, the third letter is interchanged with the tenth letter and so on, then which letter would immediately follow R in the new arrangement when read from left to right?
- (a) X
  - (b) E
  - (c) O
  - (d) T
- Q29.** D is married to F. B is the wife of Q. G is the daughter of A. F is the mother of Q. A is the sister of D. How is D related to B?
- (a) Husband's father
  - (b) Wife's mother
  - (c) Daughter's husband
  - (d) Son's wife
- Q30.** Each of seven colleagues, A, B, C, D, E, F and G, travelled to USA for sales presentation in the months of April, May, June, July, August, September and October, in the year 2019, but not necessarily in the same order. Each colleague travelled in a different month. Exactly four people travelled after D's trip. C travelled between the trips of E and F. G travelled in the month immediately before A's trip. Exactly two people travelled after C's trip. E travelled in the month immediately before B, who travelled in the month of October. Who travelled in the month of July?
- (a) D
  - (b) A
  - (c) C
  - (d) F

## Solutions

S1. Ans.(d)

S2. Ans.(b)

S3. Ans.(b)

S4. Ans.(b)

S5. Ans.(b)

S6. Ans.(c)

S7. Ans.(c)

S8. Ans.(c)

S9. Ans.(a)

S10. Ans.(b)

S11. Ans.(d)

S12. Ans.(b)

S13. Ans.(c)

S14. Ans.(d)

S15. Ans.(c)

S16. Ans.(d)

S17. Ans.(c)

S18. Ans.(d)

S19. Ans.(b)

S20. Ans.(d)

S21. Ans.(a)

S22. Ans.(b)

S23. Ans.(c)

S24. Ans.(a)

S25. Ans.(c)

S26. Ans.(d)

S27. Ans.(a)

S28. Ans.(d)

S29. Ans.(a)

S30. Ans.(d)

