

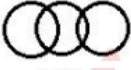

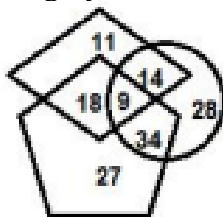


## RRB NTPC Most Expected Reasoning Section 03

- Q1. Choose the incompatible in the following.**  
 (a) lion : den  
 (b) bird : nest  
 (c) cat : meow  
 (d) bee : hive
- Q2. What will come in the place of '?' in the following equation, if '÷' and '-' are interchanged and '×' and '+' are interchanged?**  
 $36 \times 104 - 13 + 8 \div 38 = ?$   
 (a) 42  
 (b) 72  
 (c) 52  
 (d) 62
- Q3. Select the Venn diagram that best illustrates the relationship between the following classes.**  
 Mothers, Sales Managers, Males
- (a) 
- (b) 
- (c) 
- (d) 
- Q4. If we interchange "+" with "-" and "÷" with "×", then what is the value of the below expression?**  
 $39 \times 3 + 10 - 13 \div 2$   
 (a) 3  
 (b) 17  
 (c) 29  
 (d) 31
- Q5. In the following Venn diagram, the 'pentagon' stands for 'sailors', the 'circle' stands for 'females', and the 'rhombus' stands for 'illiterate'. The given numbers represent the numbers of persons in that particular category. How many female sailors are NOT illiterate?**



- (a) 28  
 (b) 34  
 (c) 9  
 (d) 14

- Q6.** Rahul walks in East direction for 70 Kms. After that he turns to West direction and walks for another 10 Kms and finally he turns to South direction and walks for 11 Kms. How far is he from the starting point and which direction is he with respect to the starting point?
- (a) 91 Kms, South-West  
(b) 61 Kms, South-East  
(c) 81 Kms, South-East  
(d) 71 Kms, South-West
- Q7.** Select the triad from among the given options that is analogous to the given triad.  
339 - 663 - 555  
348 - 636 - 555
- (a) 164 - 542 - 614  
(b) 195 - 285 - 348  
(c) 161 - 512 - 710  
(d) 432 - 513 - 711
- Q8.** Pointing to a woman, William said, "Her only sister is the mother of my, daughter's mother". How is the woman related to William?
- (a) Sister  
(b) Mother  
(c) Grandmother  
(d) Aunt
- Q9.** In a certain code language, 'eat more fruits' is coded as 'lo tk jo' and 'fruits are expensive' is coded as 'jo bk mb'. How is 'fruits' coded in the given language?
- (a) tk  
(b) jo  
(c) mb  
(d) lo
- Q10.** If GO=32, SHE=49, then SOME will be equal to:
- (a) 56  
(b) 58  
(c) 62  
(d) 64
- Q11.** Seven businessmen G, H, I, J, K, L and M, travelled in the same month on different dates 4th, 8th, 11th, 14th, 17th, 22nd and 28th (but not necessarily in the same order). L travelled the last. K travelled just after I but before J. K travelled on the 11th. Only two people travelled between K and M. Exactly one person travelled between G and K, and K travelled after G. On which date did M travel?
- (a) 22nd  
(b) 4th  
(c) 28th  
(d) 17th
- Q12.** In the fictional country of Vegereversia, which of the following provinces is the odd one out?
- (a) PANGOTATOP  
(b) SULTORRAC  
(c) HIABIGOHON  
(d) SINNEGABBAC

- Q13.** Based on the English alphabetical order, three of the following four letter-clusters are alike in a certain way and thus form a group. Which letter-cluster DOES NOT belong to that group? (Note: The odd one out is not based on the number of consonants/vowels or their position in the letter-cluster.)
- (a) JIF
  - (b) TSP
  - (c) POL
  - (d) KJH
- Q14.** In a certain code language, 'finish the water' is coded as 'mb tk zb' and 'water or juice' is coded as 'kj zb bm'. How is 'water' coded in the given language?
- (a) zb
  - (b) tk
  - (c) mb
  - (d) kj
- Q15.** If '+' and '÷' are interchanged and '-' and '×' are interchanged, then what will come in place of the question mark (?) in the following equation?
- $$15 \times 2 - 48 + 4 \div 5 = ?$$
- (a) -9
  - (b) -4
  - (c) 8
  - (d) 4
- Q16.** A certain number of class XII students are standing together; each are of different weights. When their weights are compared, Adya is heavier than Dilipa, but lighter than Fiya. Charu is lighter than Esha and heavier than Bidan, who is heavier than Fiya. Only one student is heavier than Esha. Only two students are lighter than Dilipa. If no other student is part of the group, what is the total number of students in the group?
- (a) Seven
  - (b) Six
  - (c) Nine
  - (d) Ten
- Q17.** Two statements are given followed by two conclusions I and II. You have to take these statements to be true even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follows from the given statements.
- Statements:**
- 1. All crows are brains.
  - 2. No hawk is a falcon.
- Conclusions:**
- I. All crows are falcons.
  - II. Some falcons are hawks.
- (a) Only conclusion I follows.
  - (b) Only conclusion II follows.
  - (c) Both conclusions I and II follow.
  - (d) Neither conclusion I nor II follows.
- Q18.** If '+' means '-', '-' means '×', '×' means '÷' and '÷' means '+', then what will come in place of the question mark (?) in the following equation?
- $$98 \times 14 + 6 \div 36 - 8 = ?$$
- (a) 290
  - (b) 287
  - (c) 289
  - (d) 288

- Q19.** There are seven persons Prakash, Nilanjan, Rohit, Jay, Saman, Sanjay and Veer whose ages are 55, 34, 56, 42, 36, 30 and 25 (all in years) but not necessarily in same order.
- Rohit who is elder brother of Jay and younger than Nilanjan.
  - Sanjay is only younger than Veer but older than Saman.
  - Nilanjan is the younger brother of Prakash who is 4th youngest as well as 4th oldest among group.
- Which of the following statement is true based on the above information?
- I. Saman age is 42 years**  
**II. Jay is youngest in all.**
- (a) Both I and II  
(b) Only I  
(c) Neither I nor II  
(d) Only II
- Q20.** The position(s) of how many letters will remain unchanged if each letter in the word DELIGHT is arranged in the English alphabetical order?
- (a) Three  
(b) Two  
(c) Four  
(d) One
- Q21.** Amit is facing North. He first turns left, then again turns left, then he turns right and again turns right. In which direction is Amit facing now?
- (a) East  
(b) North-east  
(c) North  
(d) South-east
- Q22.** P, Q, R, S, T, U and V are sitting around a circular table facing the centre. Only two people sit between S and V when counted from the left of V. T sits third to the left of U. P sits to the immediate right of U. P sits second to the left of S. Q is an immediate neighbour of T. How many people sit between R and V when counted from the right of V?
- (a) 1  
(b) 3  
(c) 2  
(d) 4
- Q23.** The position(s) of how many letters will remain unchanged if each of the letters in the word ACTIVITY is arranged in reverse English alphabetical order?
- (a) Three  
(b) Four  
(c) One  
(d) Two
- Q24.** Select the pair from among the given options that is analogous to the given pair.
- 9 : 725  
3 : 23
- (NOTE: Operations should be performed on the whole numbers, without breaking down the numbers into its constituent digits. E.g. 13 - Operations on 13 such as adding/subtracting/multiplying etc. to 13 can be performed. Breaking down 13 into 1 and 3 and then performing mathematical operations on 1 and 3 is not allowed.)
- (a) 8 : 315  
(b) 5 : 128  
(c) 4 : 60  
(d) 6 : 220

**Q25.** Seven people, A, B, C, D, E, F and G are sitting in a row, facing north. Only three people sit between E and B. G sits to the immediate left of B. No one sits to the right of D. Only two people sit between D and G. C sits to the immediate right of A. How many people sit to the right of B?

(a) 3  
(b) 1  
(c) 4  
(d) 2

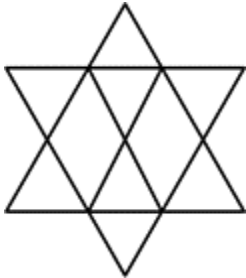
**Q26.** If in a code language CLASS is written as 81 and SECTION is written as 104, then how will COLLEGE be written in the same language?

(a) 130  
(b) 123  
(c) 143  
(d) 134

**Q27.** A stands in the 13th position from the front of the queue and there are 2 persons between A and B. B stands after A. If the first 8 persons are removed from the queue then what is the position of B from the front of the queue?

(a) 5  
(b) 8  
(c) 7  
(d) 6

**Q28.** What is the number of regular pentagons in the following figure?



- (a) 5  
(b) 6  
(c) 8  
(d) 10

**Q29.** Select the option that is related to the third word in the same way as the second word is related to the first word. (The words must be considered as meaningful English words and must NOT be related to each other based on the number of letters/number of consonants/vowels in the word)

**Sugar : Diabetes :: Fat : \_\_\_\_\_**

- (a) Insomnia  
(b) Obesity  
(c) Thyroid  
(d) Lethargy

**Q30.** Pointing towards a boy, Veena said, "He is the son of only son of my grandfather". How is that boy related to Veena?

- (a) Uncle  
(b) Brother  
(c) Cousin  
(d) Data inadequate

## Solutions

S1. Ans.(c)

S2. Ans.(d)

S3. Ans.(c)

S4. Ans.(c)

S5. Ans.(b)

S6. Ans.(b)

S7. Ans.(b)

S8. Ans.(d)

S9. Ans.(b)

S10. Ans.(a)

S11. Ans.(a)

S12. Ans.(c)

S13. Ans.(d)

S14. Ans.(a)

S15. Ans.(b)

S16. Ans.(c)

S17. Ans.(d)

S18. Ans.(c)

S19. Ans.(a)

S20. Ans.(a)

S21. Ans.(c)

S22. Ans.(c)

S23. Ans.(d)

S24. Ans.(c)

S25. Ans.(d)

S26. Ans.(a)

S27. Ans.(b)

S28. Ans.(b)

S29. Ans.(b)

S30. Ans.(b)

