

RRB NTPC QUIZ FOR REASONING

Q1. If $a = \times$, $b = \div$, $c = +$, $d = -$, then find the value of $7 a 5 c 1 b 6 d 10$?

- (a) $151/6$
- (b) $121/7$
- (c) $125/6$
- (d) None of these

Q2. If \times means $-$, $+$ means \div , $-$ means \times and \div means $+$, then $15 - 2 \div 900 + 90 \times 100 = ?$

- (a) -30
- (b) -60
- (c) -90
- (d) 100

Q3. If P denotes \div , Q denotes \times , R denotes $+$ and S denotes $-$, then $18 Q 12 P 4 R 5 S 6 = ?$

- (a) 36
- (b) 64
- (c) 53
- (d) 55

Q4. If $-$ means \div , $+$ means \times , \div means $-$, \times means $+$, then which one of the following is true?

- (a) $52 \div 4 + 5 \times 8 - 2 = 36$
- (b) $43 \times 7 \div 5 + 4 - 8 = 25$
- (c) $36 \times 4 - 12 + 5 \div 3 = 420$
- (d) $36 - 12 \times 6 \div 3 + 4 = 60$

Q5. Which of the following two signs must be Interchanged to make the following equation correct?

$$10 + 10 \div 10 - 10 \times 10 = 10$$

- (a) \div and $-$
- (b) $+$ and \times
- (c) \div and \times
- (d) \div and $+$

Q6. In a certain code language, '+' represents 'x', '-' represents '+', 'x' represents ' \div ' and ' \div ' represents '-'. What is the answer to the following question?

$$642 x 6 \div 25 + 4 = ?$$

- (a) 11
- (b) 64
- (c) 18
- (d) 7



Q7. In a certain code language, '+' represents 'x', '-' represents '+', 'x' represents '÷' and '÷' represents '-'. What is the answer to the following question?

$$24 \times 6 - 8 + 2 = ?$$

- (a) 25
- (b) 50
- (c) 40
- (d) 20

Q8. In a certain code language, '+' represents 'x', '-' represents '+', 'x' represents '÷' and '÷' represents '-'. What is the answer to the following question?

$$54 \times 9 - 3 \div 4 = ?$$

- (a) 10
- (b) 5
- (c) 2
- (d) 8

Q9. In a certain code language, '+' represents 'x', '-' represents '+', 'x' represents '÷' and '÷' represents '-'. What is the answer to the following question?

$$825 \times 25 - 27 \div 10 = ?$$

- (a) 100
- (b) 50
- (c) 25
- (d) 20

Q10. In a certain code language, '+' represents 'x', '-' represents '+', 'x' represents '÷' and '÷' represents '-'. What is the answer to the following question?

$$75 - 5 + 25 \div 125 = ?$$

- (a) 5
- (b) 10
- (c) 3
- (d) 75

Directions (11-15): In each of the questions below are given some statements followed by some conclusions. You have to take the given statements to be true even if they seem to be at variance with commonly known facts. Read all the conclusions and then decide which of the given conclusions logically follows from the given statements, disregarding commonly known facts. Give answer

Q11. Statements

- i. All Ram are Shyam.
- ii. All Shyam is Ritu.
- iii. Some Shyam is Raj.
- iv. No Ritu is Raju.

Conclusions:

- i. Some Raju can be Shyam.
 - ii. Some Raj can be Raju.
 - iii. Some Ram is Raj.
- (a) Only i and ii are true
(b) Only ii is true
(c) Either i or ii are true
(d) All are true

Q12. Statements:

- i. All Mango are Orange.
- ii. Some Grape are Mango.
- iii. Some Papaya are Grape.

Conclusions:

- i. Some Papaya are Orange.
 - ii. All Papaya can be Orange.
- (a) Both i and ii are true.
(b) Neither i nor ii is true.
(c) Only i is true.
(d) Only ii is true.

Q13. Statements:

- i. Some Ocean are Blue.
- ii. All Ocean are White.
- iii. Some Black are Ocean.

Conclusions:

- i. Some Black which are Ocean can be White.
 - ii. Some Black which are Ocean can be Blue.
- (a) Both follow.
(b) Only i follows.
(c) Only ii follows.
(d) Either i or ii follows.

Q14. Statements:

- i. Some Key are Chain.
- ii. Some Chain are Chair.
- iii. Some Key are not Champ.
- iv. All Chair are Key.

Conclusion:

- i. Some Champ are Key.
 - ii. Some Chain can be Champ.
 - iii. All Chair is Champ is a possibility.
- (a) Either i or ii follows.
(b) Only ii and iii follow.
(c) Only ii follows.
(d) All follow.

Q15. Statements

- i. All Agra are Goa
- ii. Some Delhi are Goa
- iii. Some Mumbai are Agra
- iv. No Delhi is Mumbai

Conclusion:

- i. Some Goa are Agra
 - ii. Some Agra are not Delhi is a possibility
- (a) Only i follows
 - (b) Only ii follows
 - (c) Either i or ii follows
 - (d) Both i and ii follow

Directions (16-20): Study the following information carefully and answer the questions given below:

A, B, C, D, E, F, G and H are sitting around a circular table facing the centre. H is third to the right of C and second to the left of E. B is not an immediate neighbour of H or C. F is second to the right of D and is an immediate neighbour of C. G is not the neighbour of E.

Q16. Who among the following is second to the right of C?

- (a) H
- (b) G
- (c) F
- (d) E

Q17. Who among the following is an immediate neighbour of H and E(both)?

- (a) A
- (b) B
- (c) C
- (d) G

Q18. In which of the following pairs the second person is sitting on the immediate right of the first person?

- (a) A, H
- (b) C, D
- (c) G, H
- (d) E, H

Q19. Who among the following is second to the left of B?

- (a) C
- (b) H
- (c) F
- (d) A

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Q20. Who among the following is opposite D?

- (a) A
- (b) G
- (c) H
- (d) E

Q21. In the following question, select the odd letters from the given alternatives.

- (a) MT
- (b) CJ
- (c) SZ
- (d) FN

Q22. In the following question, select the odd number pair from the given alternatives.

- (a) 11 – 44
- (b) 12 – 72
- (c) 13 – 52
- (d) 14 – 48

Q23. Arrange the given words in the sequence in which they occur in the dictionary.

1. Rangle
 2. Regal
 3. Royal
 4. Room
 5. Rested
- (a) 15432
 - (b) 45312
 - (c) 12543
 - (d) 13542

Q24. A series is given with one term missing. Select the correct alternative from the given ones that will complete the series.

WVU, TSR, QPO, ?

- (a) NML
- (b) LMN
- (c) LMK
- (d) KLM

Q25. In the following question, select the word which cannot be formed using the letters of the given word.

Liberation

- (a) Ratio
- (b) Aion
- (c) Bear
- (d) Liberal

Q26.If “-” denotes “divided by”, “+” denotes “subtracted from”, “x” denotes “added to” and “÷” denotes “multiplied by”, then

$$4 \div 16 \times 5 + 4 - 2 = ?$$

- (a) 2
- (b) 43
- (c) 22
- (d) 67

Q27. In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

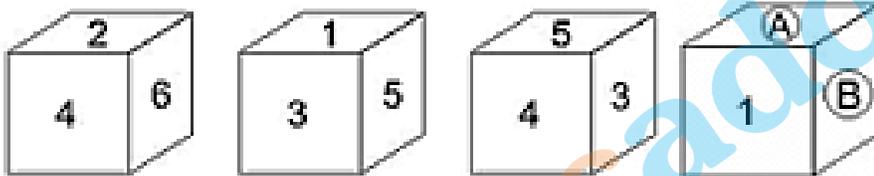
12	3
4	2

8	4
1	9

8	6
3	?

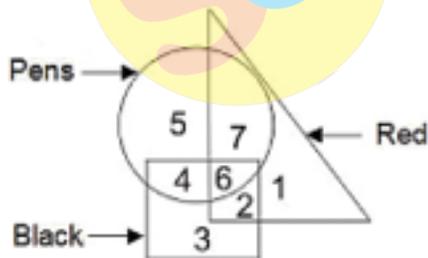
- (a) 1
- (b) 2
- (c) 4
- (d) 12

Q28.Three positions of a cube are Shown below. Which numbers will come on two faces marked 'A and B'?



- (a) 4 and 3/4 और 3
- (b) 4 and 5/4 और 5
- (c) 2 and 3/2 और 3
- (d) 2 and 4/2 और 4

Q29. In the given figure, which number represents pens which are black not red?



- (a) 4
- (b) 5
- (c) 6
- (d) 3

Q30. If a mirror is placed on the line AB, then which of the answer figures is the right image of the given figure?



A B

(a)



(b)



(c)



(d)



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



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