

Reasoning Mega Quiz for RRB Group-D

Q1. A man is facing North. He turns 45° in the clockwise direction and then another 180° in the same direction and then 270° in the anticlockwise direction. Which direction is he facing now?

- (a) South
- (b) North-west
- (c) West
- (d) South-west

Q2. One day, Ravi left home and cycled 10 km eastward, turned right and cycled 5 km and turned right and cycled 10 km and turned left and cycled 10 km. How many kilometers will he have to cycle to reach his home straight ?

- (a) 10 km
- (b) 15 km
- (c) 20 km
- (d) 25 km

Q3. Kunal walks 10 km towards South. From there he walks 6 km towards North. Then, he walks 3 km towards East. How far and in which direction is he with reference to his starting point ?

- (a) 6 km West
- (b) 7 km West
- (c) 7 km East
- (d) 5 km North-East

Q4. Ankur walks 20 metres towards south. He then turns left and walks 40 metres. He again turns left and walks 20 metres. Further, he moves 20 metres after turning to the right. How far is he from his original position ?

- (a) 20 metres
- (b) 30 metres
- (c) 50 metres
- (d) 40 metres

Q5. Kishan walks southwards. After a while, he turns to his right and a little further to his left. Finally, after walking a distance of one kilometer, he turns to his left again. In which direction is he moving now ?

- (a) North
- (b) South
- (c) East
- (d) South West

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Q6. A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series.

?, YZ, DE, JK

- (a) VU
- (b) UV
- (c) TU
- (d) TS

Q7. A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series. 2, 3, 7, 16, ?

- (a) 21
- (b) 30
- (c) 32
- (d) 23

Q8. A series is given with one term missing. Choose the correct alternative from the given ones that will complete the series. 0.5, 2, 3.5, ?, 6.5

- (a) 5
- (b) 4.5
- (c) 4
- (d) 6

Q9. Mohan, Ritika, Janvi, Priya and Riya are friends. Janvi runs faster than Ritika but slower than Priya. Mohan is the slowest runner and Riya runs faster than Priya. Who runs the fastest among the five?

- (a) Priya
- (b) Riya
- (c) Ritika
- (d) Mohan

Q10. Arrange the given words in the sequence in which they occur in the dictionary.

- i. Beguile
- ii. Bigot
- iii. Begun
- iv. Bigamy
- (a) i, iii, ii, iv
- (b) i, iii, iv, ii
- (c) i, ii, iii, iv
- (d) i, iv, iii, ii

Q11. In the following question, by using which mathematical operators will the expression become correct?

$$14 ? 2 ? 4 ? 6 ? 4$$

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

Q12. If $4 * 9 \% 2 = 47$ and $9 * 0 \% 6 = 84$, then $5 * 3 \% 7 = ?$

- (a) 38
- (b) 51
- (c) 42
- (d) 46

Q13. If "P" denotes "divided by", "R" denotes "added to", "S" denotes "subtracted from" and "Q" denotes "multiplied by", then

$$48 P 4 R 3 Q 4 S 6 Q 4 = ?$$

- (a) 20
- (b) 1
- (c) 6
- (d) 0

Q14. If $9 \theta 11 \alpha 2 = 40$ and $13 \theta 12 \alpha 3 = 75$, then $40 \theta 41 \alpha 5 = ?$

- (a) 340
- (b) 365
- (c) 320
- (d) 405

Q15. In the following question, correct the equation by interchanging two numbers.

$$5 + 3 \div 6 \times 9 - 2 = 21$$

- (a) 5 and 9
- (b) 3 and 6
- (c) 6 and 9
- (d) 5 and 3

Q16. If $6^2 \% 2^2 \wedge 3^2 = 41$ and $7^2 \% 5^2 \wedge 2^2 = 28$, then $5^2 \% 3^2 \wedge 1^2 = ?$

- (a) 17
- (b) 22
- (c) 13
- (d) 26



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Q17. In the following question, by using which mathematical operators will the expression become correct?

$69 ? 3 ? 2 ? 9 ? 3$

- (a) $\div, -, >$ and \times
- (b) $\div, +, <$ and \times
- (c) $\div, -, =$ and \times
- (d) $\times, +, <$ and \times

Q18. If $1 \$ 9 \& 5 = 14$ and $2 \& 4 \$ 3 = -41$, then $7 \$ 9 \& 9 = ?$

- (a) 72
- (b) 70
- (c) 68
- (d) 64

Q19. If "B" denotes "multiplied by", "C" denotes "subtracted from", "A" denotes "added to" and "D" denotes "divided by", then which of the following equation is true?

- (a) $24 \text{ D } 12 \text{ B } 3 \text{ A } 12 = 18$
- (b) $36 \text{ D } 6 \text{ B } 3 \text{ A } 2 = 74$
- (c) $42 \text{ A } 7 \text{ B } 2 \text{ D } 2 = 35$
- (d) $56 \text{ D } 14 \text{ B } 2 \text{ C } 4 = 12$

Q20. If $38 \# 49 = 24$ and $96 \# 51 = 21$, then $87 \# 78 = ?$

- (a) 26
- (b) 21
- (c) 28
- (d) 30

Directions (21-30) Select the related word/letters/numbers from the given alternatives.

Q21. Taseometer : Strains :: ? : ?

- (a) Time : Seconds
- (b) Current : Ampere
- (c) Force : Newton
- (d) Screw Gauge : Thickness

Q22. Horse : Mare :: Stag : ?

- (a) Doe
- (b) Bee
- (c) Lady
- (d) Sorceress

Q23. Bee: Apiary :: Monk: ?

- (a) Shed
- (b) Stable
- (c) Aviary
- (d) Monastery

Q24. Occultism : Supernatural :: Seismology : ?

- (a) Eggs
- (b) Earthquake
- (c) Animals
- (d) Plants

Q25. Sculptor: Chisel :: Surgeon : ?

- (a) Spade
- (b) Scalpel
- (c) Harrow
- (d) Semantics

Q26. Prism : Glass :: Linen: ?

- (a) Pulp
- (b) Latex
- (c) Paper
- (d) Flax

Q27. Adobe : Dwelling :: ? : Proud

- (a) Alight
- (b) Haughty
- (c) Fallacy
- (d) Squander

Q28. Pigeon : Peace:: White Flag : ?

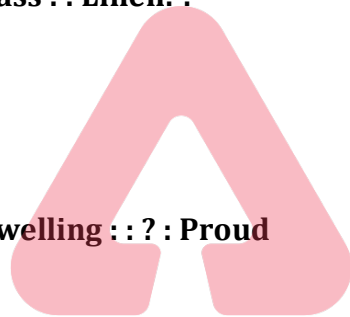
- (a) Freindship
- (b) Victory
- (c) Surrender
- (d) War

Q29. Lemur : Monkey :: Rook:?

- (a) Crow
- (b) Cat
- (c) Vulture
- (d) Owl

Q30. Funk : Vitamins:: Curie : ?

- (a) Uranium
- (b) Radium
- (c) Radioactivity
- (d) Photography



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adda247

