

## Reasoning Mega Quiz for RRB NTPC

**Q1. If "@" denotes "multiplied by", "\$" denotes "subtracted from", "%" denotes "added to" and "&" denotes "divided by", then which of the following equation must be true?**

- (a)  $7 \% 9 \& 3 \$ 5 = 4$
- (b)  $4 \% 3 @ 6 \$ 9 = 12$
- (c)  $3 @ 9 \% 6 \& 2 = 30$
- (d)  $6 \% 9 @ 2 \$ 7 = 16$

**Q2. In the following question, correct the equation by interchanging two numbers.**

$$3 - 4 + 12 \times 6 \div 8 = 28$$

- (a) 3 and 4
- (b) 4 and 8
- (c) 3 and 8
- (d) 4 and 6

**Q3. In the following question, by using which mathematical operators will the expression become correct?**

$$32 ? 2 ? 8 ? 14 ? 4$$

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

**Q4. In the following question, correct the equation by interchanging two signs.**

$$7 \times 6 + 5 - 12 \div 3 = 41$$

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

**Q5. In the following question, by using which mathematical operators will the expression become correct?**

$$7 ? 4 ? 5 ? 165 ? 5$$

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

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**Q6. In the following question, correct the equation by interchanging two signs.**

$$24 \times 8 \div 9 + 9 - 10 = 26$$

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

**Q7. If "P" denotes "multiplied by", "Q" denotes "subtracted from", "S" denotes "added to" and "R" denotes "divided by", then which of the following equation must be true?**

- (a)  $7 S 56 P 2 R 28 = 11$
- (b)  $36 R 6 P 2 S 4 = 19$
- (c)  $64 R 8 P 3 S 6 = 72$
- (d)  $36 R 9 S 4 P 2 = 14$

**Q8. If " $\theta$ " denotes "added to", " $\delta$ " denotes "subtracted from", " $\beta$ " denotes "divided by" and " $\alpha$ " denotes "multiplied by", then  $5 \beta 1 \delta 9 \alpha 7 \theta 142 = ?$**

- (a) 114
- (b) 98
- (c) 84
- (d) 125

**Q9. If " $\div$ " denotes "subtracted from", " $+$ " denotes "multiplied by", " $-$ " denotes "added to" and " $\times$ " denotes "divided by", then  $19 + 2 \div 2 + 2 - 14 = ?$**

- (a) 52
- (b) 46
- (c) 48
- (d) 88

**Q10. If "#" denotes "multiplied by", "@" denotes "subtracted from", "\*" denotes "added to" and "%" denotes "divided by", then which of the following equation must be true?**

- (a)  $4 \% 2 \# 6 * 7 = 18$
- (b)  $3 \# 9 @ 4 \# 6 = 4$
- (c)  $5 \# 6 \% 3 @ 4 = 8$
- (d)  $14 \% 2 * 3 \# 8 = 31$

**Q11. Select the related word/letters/number from the given alternatives.**

**Subhas Chandra Bose : Orissa :: Rajendra Prasad: ?**

- (a) Bihar
- (b) Jammu and Kashmir
- (c) Gujarat
- (d) Delhi

**Q12. Select the related word/letters/number from the given alternatives.**

**VERMIN : ? :: ORDERS : ERSORD**

- (a) MNIVER
- (b) MINERV
- (c) MINVRE
- (d) MINVER

**Q13. Select the related word/letters/number from the given alternatives.**

**MANTLE : SFTYRJ :: PARROT : ?**

- (a) VFXWUY
- (b) VXFWUY
- (c) VFXWYU
- (d) VFXUWY

**Q14. Select the related word/letters/number from the given alternatives.**

**545 : 196 :: 173 : ?**

- (a) 72
- (b) 121
- (c) 84
- (d) 41

**Q15. Find out the odd word/letters/number/number pair from the given alternatives.**

- (a) Kuchipudi
- (b) Kathak
- (c) Bhangra
- (d) Pongal

**Q16. In a certain code language, "STYLE" is written as "ELTYS". How is "FRUIT" written in that code language?**

- (a) TIUFR
- (b) TIURF
- (c) TIRUF
- (d) GSVJU

**Q17. Select the odd word/letters/number/number pair from the given alternatives.**

- (a) 4416
- (b) 8432
- (c) 4520
- (d) 4260

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**Q18.** If "S" denotes "multiplied by", "V" denotes "subtracted from", "M" denotes "added to" and "L" denotes "divided by", then

$$5 \text{ V } 9 \text{ M } 63 \text{ L } 9 \text{ S } 7 = ?$$

- (a) 45
- (b) 50
- (c) 40
- (d) 35

**Q19.** Which set of letters when sequentially placed at the gaps in the given letter series shall complete it?

x\_zx\_y\_z\_x\_xyy\_zzz

- (a) zxyxyz
- (b) yxyzxy
- (c) xxyyxz
- (d) yxyxyz

**Q20.** A boy is traveling towards the west. He turns to the right and then again turns to the left. In which direction is the boy facing now?

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

**Q21.** In the following question, select the word which cannot be formed using the letters of the given word.

**INSTALLMENTS**

- (a) MEN
- (b) TALL
- (c) STALE
- (d) MENTAL

**Q22.** In a certain code language, "GRAVYS" is written as "DUJVBY" and "BUTLTS" is written as "WXEVWO". How is "SPREAD" written in that code language?

- (a) URTGCF
- (b) PMNBXA
- (c) VSUHDG
- (d) USVGDH

**Q23.** If  $14 \$ 8 = 91$  and  $18 \$ 4 = 51$ , then  $21 \$ 9 = ?$

- (a) 160
- (b) 155
- (c) 151
- (d) 168

Q24. In the following question, select the number which can be placed at the sign of question mark (?) from the given alternatives.

|   |   |
|---|---|
| 3 | 5 |
| 2 | 6 |
| 8 | 1 |

|   |   |
|---|---|
| 2 | 4 |
| 3 | 8 |
| 2 | 6 |

|   |   |
|---|---|
| 9 | 3 |
| 2 | 1 |
| 7 | ? |

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

Q25. How many triangles are there in the given figure?



- (a) 14
- (b) 16
- (c) 18
- (d) 20

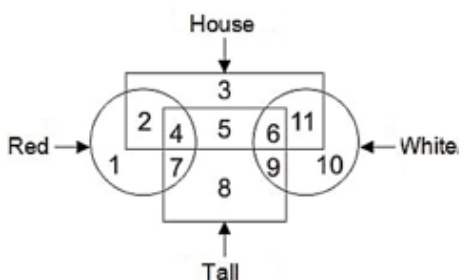
Q26. A word is represented by only one set of numbers as given in any one of the alternatives. The sets of numbers given in the alternatives are represented by two classes of alphabets as shown in the given two matrices. The columns and rows of Matrix-I are numbered from 0 to 4 and that of Matrix-II are numbered from 5 to 9. A letter from these matrices can be represented first by its row and next by its column for example, 'N' can be represented by 10 41, etc. and 'G' can be represented by 56 99 etc. Similarly you have to identify the set for the word "CROW"

|   | 0 | 1 | 2 | 3 | 4 |
|---|---|---|---|---|---|
| 0 | A | R | C | N | K |
| 1 | N | K | A | R | C |
| 2 | R | C | N | K | A |
| 3 | K | A | R | C | N |
| 4 | C | N | K | A | R |

|   | 5 | 6 | 7 | 8 | 9 |
|---|---|---|---|---|---|
| 5 | O | G | W | H | U |
| 6 | H | U | O | G | W |
| 7 | G | W | H | U | O |
| 8 | U | O | G | W | H |
| 9 | W | H | U | O | G |

- (a) 40, 13, 56, 57
- (b) 14, 32, 68, 76
- (c) 21, 01, 86, 69
- (d) 02, 20, 97, 88

Q27. In the given figure, which number represents houses which are red and tall?



BILINGUAL



# RRB NTPC 4.0

Starts April 9, 2020

2 PM to 3 PM

- (a) 7
- (b) 4
- (c) 8
- (d) 11

**Q28. Which answer figure will complete the pattern in the question figure?**



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

**Q29. From the given answer figures, select the one in which the question figure is hidden/embedded.**



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

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)



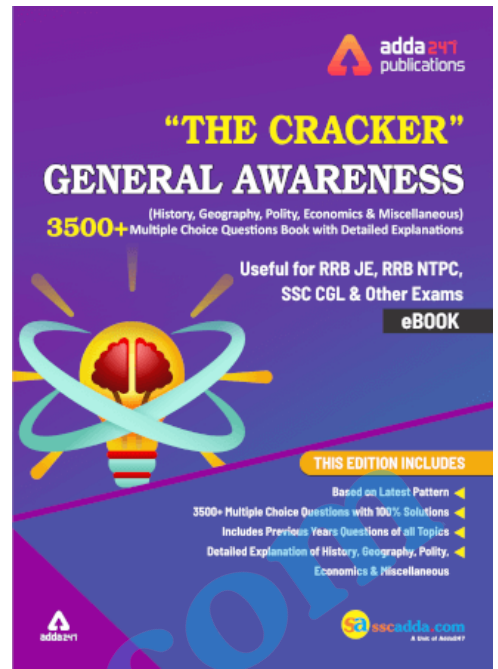
(b)



(c)



(d)



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