

Reasoning Mega Quiz for RRB NTPC (Solutions)

S1. Ans.(c)

Sol.

$$3 @ 9 \% 6 \& 2 = 30$$

$$\Rightarrow 3 \times 9 + 6 \div 2 = 30$$

$$\Rightarrow 27 + 3 = 30$$

$$\Rightarrow 30 = 30$$

S2. Ans.(c)

Sol.

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

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

$$\Rightarrow 8 - 4 + 12 \times 2 = 28$$

$$\Rightarrow 8 - 4 + 24 = 28$$

$$\Rightarrow 28 = 28$$

S3. Ans.(c)

Sol.

$$32 \times 2 - 8 = 14 \times 4$$

$$\Rightarrow 64 - 8 = 56$$

$$\Rightarrow 56 = 56$$

S4. Ans.(c)

Sol.

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

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

$$\Rightarrow 42 - 5 + 4 = 41$$

$$\Rightarrow 46 - 5 = 41$$

$$\Rightarrow 41 = 41$$

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S5. Ans.(d)

Sol.

$$7 \times 4 + 5 = 165 \div 5$$

$$\Rightarrow 28 + 5 = 33$$

$$\Rightarrow 33 = 33$$

S6. Ans.(b)

Sol.

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

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

$$\Rightarrow 3 \times 9 + 9 - 10 = 26$$

$$\Rightarrow 27 + 9 - 10 = 26$$

$$\Rightarrow 36 - 10 = 26$$

$$\Rightarrow 26 = 26$$

S7. Ans.(a)

Sol.

$$7S 56 P 2 R 28 = 11$$

$$\Rightarrow 7 + 56 \times 2 \div 28 = 11$$

$$\Rightarrow 7 + 56 \times \frac{2}{28} = 11$$

$$\Rightarrow 7 + 4 = 11$$

$$\Rightarrow 11 = 11$$

S8. Ans.(c)

Sol.

$$5 \beta 1 \delta 9 \alpha 7 \theta 142$$

$$\Rightarrow 5 \div 1 - 9 \times 7 + 142$$

$$\Rightarrow 5 - 63 + 142$$

$$\Rightarrow 147 - 63$$

$$\Rightarrow 84$$

S9. Ans.(c)

Sol.

$$19 + 2 \div 2 + 2 - 14$$

$$\Rightarrow 19 \times 2 - 2 \times 2 + 14$$

$$\Rightarrow 38 - 4 + 14$$

$$\Rightarrow 48$$

S10. Ans.(d)

Sol.

$$14\% 2 * 3 \# 8 = 31$$

$$\Rightarrow 14 \div 2 + 3 \times 8 = 31$$

$$\Rightarrow 7 + 24 = 31$$

$$\Rightarrow 31 = 31$$

S11. Ans.(a)

Sol. First is leader and second is his birth place.

S12. Ans.(d)

Sol.

First reverse the word.

N	I	M	R	E	V
↙	↓	↘	↙	↓	↘
M	I	N	V	E	R

S13. Ans.(a)

Sol.

M	A	N	T	L	E	P	A	R	R	O	T
+6↓	+5↓	+6↓	+5↓	+6↓	+5↓	+6↓	+5↓	+6↓	+5↓	+6↓	+5↓
S	F	T	Y	R	J	V	F	X	W	U	Y

S14. Ans.(b)

Sol.

$$5 + 4 + 5 = 14 : (14)^2$$

Same pattern follows for 173.

S15. Ans.(d)

Sol. Pongal is a festival, others are dance forms.

S16. Ans.(c)

Sol.

S	T	Y	L	E	F	R	U	I	T		
↙	↓	↘	↙	↓	↘	↙	↓	↘	↙	↓	↘
E	L	T	Y	S	T	I	R	U	F		

S17. Ans.(d)

Sol.

$$4416 \rightarrow 4 \times 4 = 16$$

$$8432 \rightarrow 8 \times 4 = 32$$

$$4520 \rightarrow 4 \times 5 = 20$$

BILINGUAL



RRB NTPC 4.0

Starts April 9, 2020

2 PM to 3 PM

S18. Ans.(a)

Sol.

$$5 - 9 + 63 \div 9 \times 7 = 45$$

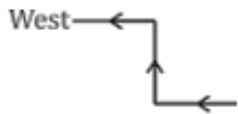
S19. Ans.(b)

Sol.

xyz / xxyyzz / xxxyyyzzz

S20. Ans.(d)

Sol.



S21. Ans.(b)

Sol. 'TALL' ; there is no double 'L' in the given word.

S22. Ans.(d)

Sol.

G R A V Y S B U T L T S
D U J V B Y W X E V W O
S P R E A D
U S V G D H

+3 series.

S23. Ans.(a)

Sol.

$$(14 - 1) \times (8 - 1) = 91$$

$$(18 - 1) \times (4 - 1) = 51$$

$$(21 - 1) \times (9 - 1) = 160$$

S24. Ans.(c)

Sol.

$$3 + 2 + 8 + 5 + 6 + 1 = 25$$

$$2 + 4 + 3 + 8 + 2 + 6 = 25$$

$$9 + 2 + 7 + 3 + 1 + 3 = 25$$

S25. Ans.(b)

Sol. 16 triangles

S26. Ans.(c)

Sol.

21 01 86 69
↓ ↓ ↓ ↓
C R O W

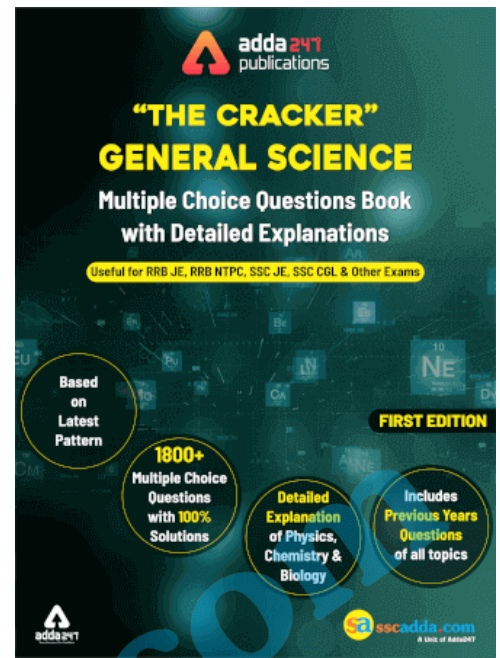
S27. Ans.(b)

Sol. 4 represents houses which are red and tall.

S28. Ans.(a)

S29. Ans.(d)

S30. Ans.(c)



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