RRB NTPC QUIZ FOR REASONING

S1. Ans.(a)

Sol.

$7 \times 5 + 1 \div 6 - 10$

$\Rightarrow 35 + \dfrac{1}{6} - 10$

$\Rightarrow \dfrac{210 + 1 - 60}{6} = \dfrac{211 - 60}{6}$

$\Rightarrow \dfrac{151}{6}$

S2. Ans.(b)

Sol.

$15 \times 2 + 900 \div 90 - 100$

$= 30 + 10 - 100 = -60$

S3. Ans.(c)

Sol.

$18 \times 12 \div 4 + 5 - 6$

$\Rightarrow 54 + 5 - 6 = 53$

S4. Ans.(a)

Sol.

$52 - 4 \times 5 + 8 \div 2$

$\Rightarrow 32 + 4 = 36$

S5. Ans.(b)

Sol.

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

$\Rightarrow 10 - 10 + 10 = 0$

S6.Ans.(d)

Sol.

$642 \div 6 - 25 \times 4$

$= 107 - 100$

$= 7$

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S7.Ans.(d)

Sol.

24×6−8+2
⇒24÷6+8×2
⇒4+16
⇒20

S8.Ans.(b)

Sol.

54×9-3÷4
⇒54÷9+3-4
⇒6+3-4
⇒ 5

S9. Ans.(b)

Sol.

⇒ 825 × 25 − 27 ÷ 10   (Given)
ATQ,
= 825 ÷ 25 + 27 − 10
= 33 + 27 -10
= 60 − 10
= 50

S10.Ans.(d)

Sol.

75 − 5 + 25 ÷ 125 = ?
⇒ 75 + 5 × 25 − 125
= 75 + 125 − 125
= 75

S11.Ans(b)

Sol.
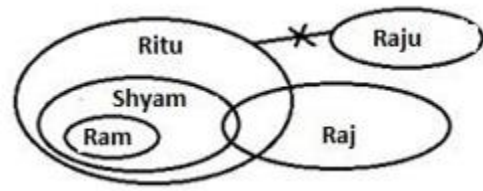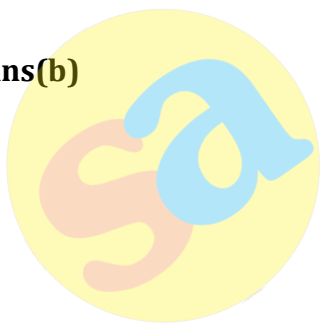
For I—Since, it is given that all Shyam is Ritu and no Ritu is Raju. Therefore, we cannot conclude that some Raju can be Shyam.

For II—Since there is no direct relation between Raj and Raju, therefore possibility case will hold true. Hence, we can conclude that some Raj can be Raju.

For III—Since there is no direct relation between Raj and Ram. Therefore, we cannot conclude that some Ram is Raj.
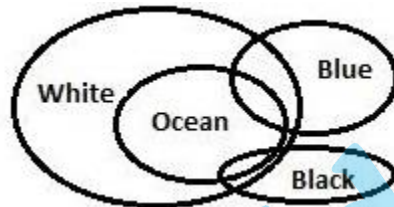
S12.Ans(d)
Sol.
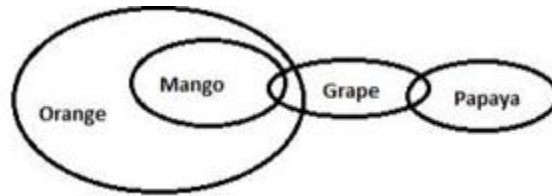
For I— Since there is no direct relation between Papaya and Orange. Therefore, we cannot conclude that some Papaya are Orange.

For II—Since there is no direct relation between Papaya and Orange, therefore possibility case will hold true. Hence, we can conclude that all Papaya can be Orange.

S13.Ans(c)
Sol.

For I— From the venn diagram, all Ocean are White and some Black is Ocean, so it clear that some Black which are Ocean will be White, So possibility case hold false. Therefore, the given conclusion cannot be concluded.

For II—Since there is no direct relation between Blue and Black and some Ocean are Black as well as some Ocean are Blue, therefore possibility case will hold true. Hence, we can conclude that some Black which are Ocean can be Blue.

S14.Ans(b)
Sol.
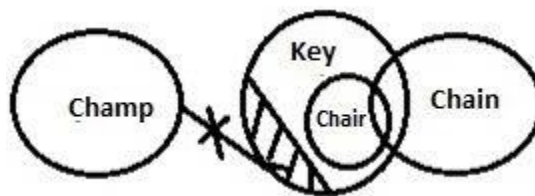
For I—Since it is given that some Key are not Champ, nothing about some Champ being or not being key is not mentioned hence we cannot conclude that some Champ are Key.

For II—Since there is no direct relation between Chain and Champ, therefore possibility case will hold true. Hence, we can conclude that some Chain can be Champ.

For III—Since there is no direct relation between Chair and Champ. Therefore, possibility case hold true. Therefore, we can conclude that All Chair is Champ is a possibility.
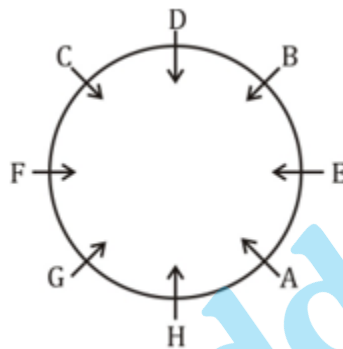
S15.Ans(a)
Sol.
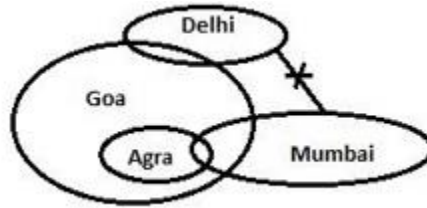
For I— From the venn diagram all Agra are Goa. Therefore, we can conclude that some Goa are Agra.

For II—From the diagram it is given that some Mumbai are Agra and no Delhi is Mumbai so some Agra are not Delhi is true, therefore possibility case will hold false. Hence, the given conclusion does not follow.
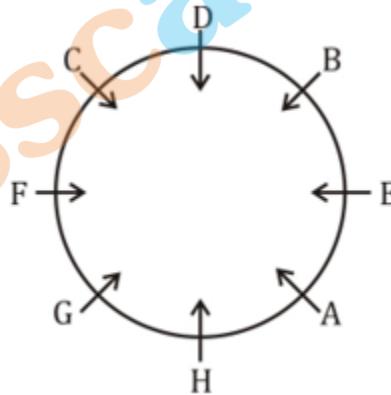
S16.Ans(b)
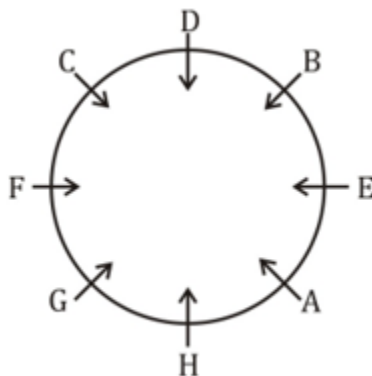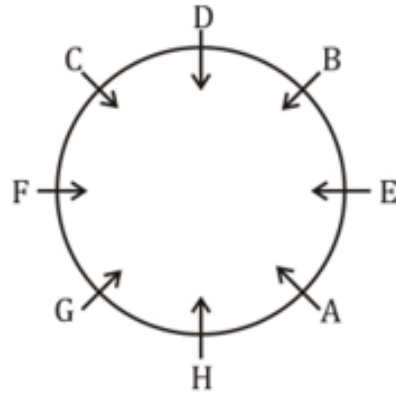**Sol.**

S17.Ans(a)
Sol.

S18.Ans(c)
Sol.

S19.Ans(d)
Sol.

S20.Ans(c)
Sol.
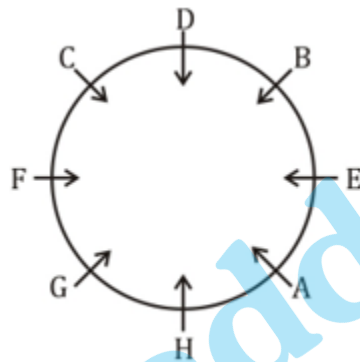
S21.Ans.(d)
Sol. +7 series, except FN

S22.Ans.(d)
Sol. 48 is not divisible by 14.

S23.Ans.(c)
Sol.
1. Rangle
2. Regal
5. Rested
4. Room
3. Royal

S24.Ans.(a)
Sol. – 3 series

S25.Ans.(d)
Sol. 'Liberal' ; There is no double 'l' in the given word.

S26.Ans.(d)

Sol.

$4 \div 16 \times 5 + 4 - 2$
$\Rightarrow 4 \times 16 + 5 - 4 \div 2$
$\Rightarrow 4 \times 16 + 5 - 2$
$\Rightarrow 64 + 5 - 2$
$\Rightarrow 67$

S27.Ans.(b)

Sol.

$12 \times 3 \times 4 \times 2 = 288$
$8 \times 4 \times 1 \times 9 = 288$
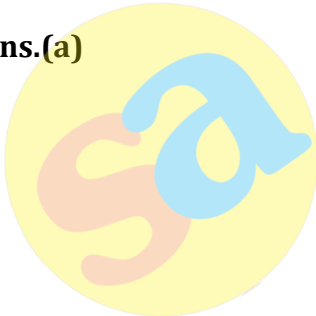$8 \times 6 \times 3 \times 2 = 288$

S28.Ans.(c)

Sol.

$A \rightarrow 2$ ⎤ 4 will not **come because**
$B \rightarrow 3$ ⎦ 4 will be opposite to 1.

S29.Ans.(a)

Sol. 4 represents pens which are black not red.

S30.Ans.(a)

Sol.