

## Reasoning Mega Quiz for RRB NTPC (Solutions)

**S1. Ans.(a)**

**Sol.**

P A P E R ↔ R E P A P

Inverse the position of letters i.e. (start from ending)

Hence, W A T C H ↔ H C T A W

**S2. Ans.(d)**

**Sol.**

T	R	I	P	P	L	E	$\xleftrightarrow{\text{subtract 1 in}}$ $\xleftrightarrow{\text{the respective}}$ $\xleftrightarrow{\text{position of letters}}$	S	Q	H	O	O	K	D
20	18	9	16	16	12	5		19	17	8	15	15	11	4

Similarly,

D	I	S	P	O	S	E	$\xleftrightarrow{\text{subtract 1 in}}$ $\xleftrightarrow{\text{the respective}}$ $\xleftrightarrow{\text{position of letters}}$	C	H	R	O	N	R	D
4	9	19	16	15	19	5		3	8	18	15	14	18	4

**S3. Ans.(c)**

**Sol.** Start from the third letter and then in the end add first two letters in opposite manner i.e. shuffle them.

R E C O M M E N D A T I O N → C O M M E N D A T I O N E R

Similarly,

R E M U N E R A T I O N → M U N E R A T I O N E R

**S4. Ans.(d)**

**Sol.**

D	E	F	E	N	C	E	$\xleftrightarrow{\text{subtract 1 in}}$ $\xleftrightarrow{\text{the respective}}$ $\xleftrightarrow{\text{position of letters}}$	C	D	E	D	M	B	D
4	5	6	5	14	3	5		3	4	5	4	13	2	4

Similarly,

N	E	E	D	$\xleftrightarrow{\text{subtract 1 in}}$ $\xleftrightarrow{\text{the respective}}$ $\xleftrightarrow{\text{position of letters}}$	M	D	D	C
14	5	5	4		13	4	4	3

**S5. Ans.(b)**

**Sol.** Subtract '1' and then add '1' alternatively in the respective position of letters.

-1	+1	-1	+1	-1	+1	→	L	F	S	I	N	E
M	E	T	H	O	D		12	6	19	9	14	5
13	5	20	8	15	4							

BILINGUAL



# RRB NTPC 4.0

Starts April 9, 2020

2 PM to 3 PM

S6. Ans.(b)

Sol.

Add the position number of letters individually

$$\begin{array}{cccccc}
 1+3 & 1 & 1+9 & 2+0 & 5 & 1+8 \\
 \text{M} & \text{A} & \text{S} & \text{T} & \text{E} & \text{R} \rightarrow 4 \ 1 \ 1 \ 2 \ 5 \ 9
 \end{array}$$

$$\begin{array}{cccccc}
 1+6 & 1+5 & 2+3 & 5 & 1+8 \\
 \text{P} & \text{O} & \text{W} & \text{E} & \text{R} \rightarrow 7 \ 6 \ 5 \ 5 \ 9
 \end{array}$$

S7. Ans.(c)

Sol.

2, 5, 8, ?

The trick is  $2 \xrightarrow{+3} 5 \xrightarrow{+3} 8 \xrightarrow{+3} \boxed{11}$

S8. Ans.(d)

Sol.

3, 6, 18, 72, ?

The trick is

$3 \times 2 = 6$

$6 \times 3 = 18$

$18 \times 4 = 72$

$72 \times 5 = \boxed{360}$

S9. Ans.(b)

Sol.

5, 8, 14, 26, 50, 98, ?

$$\begin{array}{cccccc}
 5 & 8 & 14 & 26 & 50 & 98 & \boxed{194} \\
 \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} & \underbrace{\quad} & \\
 +3 & +6 & +12 & +24 & +48 & +96 & \\
 \times 2 & \times 2 & \times 2 & \times 2 & \times 2 & \times 2 & 
 \end{array}$$

S10. Ans.(d)

Sol.

17, 19, 23, 29, ?

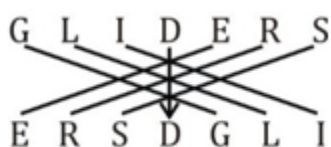
The trick is  $17 \xrightarrow{+2} 19 \xrightarrow{+4} 23 \xrightarrow{+6} 29 \xrightarrow{+8} \boxed{37}$

S11. Ans.(d)

Sol. First is popular name of the person and second is name of that person.

S12. Ans.(c)

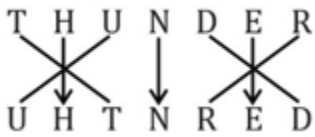
Sol.



Same pattern follows for TOASTER → TERSTOA

S13. Ans.(c)

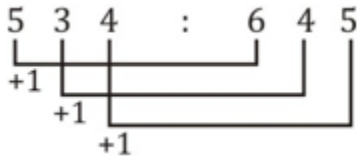
Sol.



Same pattern follows for THIEVES → IHTESEV

S14. Ans.(c)

Sol.



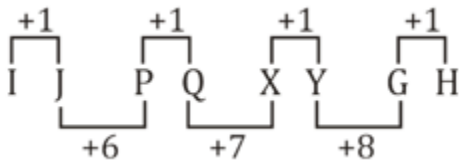
Same pattern follows for 381 → 492

S15. Ans.(a)

Sol. Except mustard gas others are petroleum products.

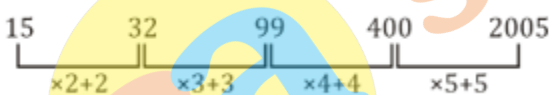
S16. Ans.(c)

Sol.



S17. Ans.(c)

Sol.



S18. Ans.(a)

Sol.



S19. Ans.(d)

Sol. Deer > Lion > Tiger > Dog > Elephant

S20. Ans.(c)

Sol. Cajole → Clandestine → Cover → Coward

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**S21. Ans.(c)**

**Sol.** All except Identification are synonyms.

**S22. Ans.(d)**

**Sol.** Paint is related to Artist

Similarly Wood is related to Carpenter

**S23. Ans.(a)**

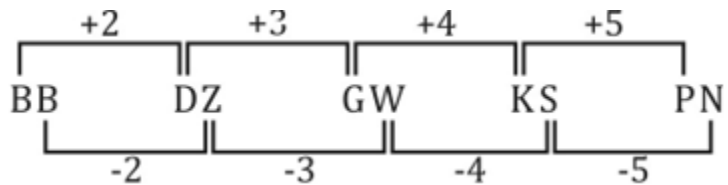
**Sol.** First denotes the lack of second.

**S24. Ans.(b)**

**Sol.** GRJJK/GRJJK/GRJJK

**S25. Ans.(c)**

**Sol.**



**S26. Ans.(b)**

**Sol.** In all other groups, the number denotes the number of letters between the two given letters in the English alphabet.

**S27. Ans.(d)**

**Sol.** In all other groups, the first two letters are alternate letters of the alphabet, while second and third letters occupy the same positions from the beginning and the end of the alphabet respectively.

**S28. Ans.(a)**

**Sol.** Except 17-28, difference in all pairs is 9.

**S29. Ans.(b)**

**Sol.** SUMMIT cannot be formed using the letters of MEASUREMENT.

**S30. Ans.(a)**

**Sol.** Parachute, Paragraph, Perpetual, Programme.

