

**Reasoning Mega Quiz for RRB NTPC (Solutions)**

**S1. Ans.(b)**

**Sol.** Order: Y>V>Z>W>X

So, shortest person is X.

**S2. Ans.(c)**

**Sol.** The series is aabcab/aabcab/aabcab.

**S3. Ans.(b)**

**Sol.** After changing sign:

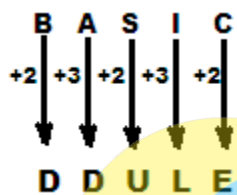
$$18 \times 64 \div 16 - 6 + 9 = 75$$

**S4. Ans.(d)**

**Sol.** Given set consists of even numbers only whose H.C.F. is 2.

**S5. Ans.(b)**

**Sol.**



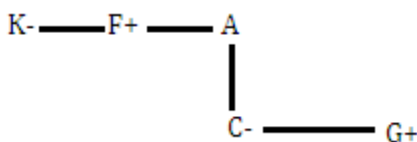
Same pattern follow by LEADER -> NHC GGU

**S6. Ans.(d)**

**Sol.** In all other groups, the number inside the bracket is the sum of cubes of the numbers outside it.

**S7. Ans.(a)**

**Sol.**



**S8. Ans.(d)**

**Sol.** Using the correct symbols, we have:

Given expression =

$$[(5 - 10) + (16 \times 4)] \div (15 + 9) \times 0 = 0$$

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S9. Ans.(b)

Sol.

R	U	S	T	I	C	A	T	E
-1↓	-1↓	+1↓	+1↓	↓	+1↓	+1↓	-1↓	-1↓
Q	T	T	U	I	D	B	S	D

Similarly, we have

S	T	A	T	I	S	T	I	C
-1↓	-1↓	+1↓	+1↓	↓	+1↓	+1↓	-1↓	-1↓
R	S	B	U	I	T	U	H	B

So, the required code is RSBUITUHB.

S10. Ans.(b)

Sol. The difference between consecutive terms of the given series are respectively 5, 7, 9, 11, 13 and 15. Clearly, 34 is a wrong number and must be replaced by (24 + 11) i.e. 35

S11. Ans.(b)

Sol.

$\overset{+1}{\boxed{B}} \overset{+1}{\boxed{C}} \xrightarrow{+5} \overset{+1}{\boxed{H}} \overset{+1}{\boxed{I}} \xrightarrow{+6} \overset{+1}{\boxed{O}} \overset{+1}{\boxed{P}} \xrightarrow{+7} \overset{+1}{\boxed{W}} \overset{+1}{\boxed{X}}$

S12. Ans.(b)

Sol.

$(12)^2 \quad (16)^2 \quad (20)^2 \quad (24)^2$   
 $\quad \quad \quad +4 \quad \quad +4 \quad \quad +4$

S13. Ans.(a)

Sol.

5      7.5      12.5      22.5      42.5  
 $\quad \quad \quad 2.5 \quad 5 \quad 10 \quad 20$   
 $\quad \quad \quad \times 2 \quad \times 2 \quad \times 2$

S14. Ans.(a)

Sol. Jyoti > Vineet > Raman > Deepak > Sumit.

S15. Ans.(b)

Sol. Rainbow → Rainy → Rancour → Rattle

S16. Ans.(a)

Sol.

B	O	R	W	M
7	6	9	5	4

W O M B  
 ↓ ↓ ↓ ↓  
 5 6 4 7

S17. Ans.(d)

Sol.

$$\text{Row 1: } 5 + 15 + 10 = 30$$

$$\text{Row 2: } 4 + 17 + 9 = 30$$

$$\text{Row 3: } 10 + 10 + 10 = 30$$

S18. Ans.(c)

Sol.

$$7 - 17 + 88 \div 11 \times 6 = 38$$

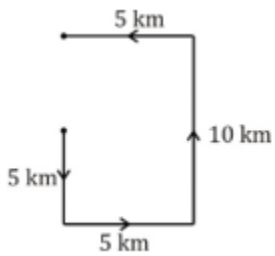
S19. Ans.(a)

Sol.

A B B C A B B C A B B C

S20. Ans.(d)

Sol.



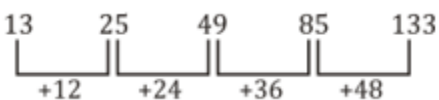
S21. Ans.(d)

Sol.



S22. Ans.(c)

Sol.



S23. Ans.(c)

S24. Ans.(d)

Sol. Pooja > Nishu > Riya > Nikita > Amrita

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S25. Ans.(c)

Sol.

Apostate → Apparel → Apparent → Appointed

S26. Ans.(d)

Sol.

D	E	L	T	G	R	A	M
#	@	^	%	!	?	*	&

T	E	L	G	G	R	A	M
↓	↓	↓	↓	↓	↓	↓	↓
%	@	^	@	!	?	*	&

S27. Ans.(d)

Sol.

Column 1:  $99 \times 15 = 1485$

Column 2:  $31 \times 17 = 527$

Column 3:  $91 \times 18 = 1638$

S28. Ans.(a)

Sol.

$315 \div 3 - 9 + 4 \times 6 = 120$

S29. Ans.(a)

Sol.

MN/MNO/MNOP/MNOPQ

S30. Ans.(c)

Sol.

