## gradeup

## DSSSB Resoning Top- 50 Questions Answers with

 Solution1. Ans. B.


Aman would in North-East direction from the original position
2. Ans. C.
$7 \times 4-9=19$
$9 \times 3-6=21$
$8 \times 5-12=28$
3. Ans. A.

Total number of students in the class $=8+28-1=35$
4. Ans. D.

According to question
$\mathrm{R}>\mathrm{P}>\mathrm{Q}$
$\mathrm{T}>\mathrm{S}>\mathrm{P}$
$\mathrm{S}>\mathrm{R}$
From all the three statements
$\mathrm{T}>\mathrm{S}>\mathrm{R}>\mathrm{P}>\mathrm{Q}$
Therefore, T is the oldest among them.
5. Ans. B.

The original position of Amit from the left $=9^{\text {th }}$
Therefore, his position from right $=16-9+1=8^{\text {th }}$
6. Ans. D.

Sam > Ram
Ram > Golu
Pankaj > Sam
So, From the above equations
Pankaj > Sam > Ram > Golu
Golu is youngest among them.
7. Ans. A.

According to question Tom is 9th from the right end and 15 th from the left end.
Therefore, total number of boys in the row $=9+15-1=23$
8. Ans. A.

Sitting arrangements:
C A B D E F
9. Ans. B.

Sam - John
Malik/George - Sam - Malik/George
So, from the above relations:
Malik/George - Sam - Malik/George- John
10. Ans. D.
$\mathrm{O}>\mathrm{M}>\mathrm{N}$
$\mathrm{Q}>\mathrm{P}>\mathrm{M}$
$\mathrm{P}>\mathrm{O}$
So, from the above the conclusion is:
Q > P > O > M > N
So, Q get highest marks.
11. Ans. B.

The rank of George from last $=46-23+1=24$
12. Ans. A.


So, $D$ is sitting right of $C$.
13. Ans. A.

The diagram given below is quite helpful in solving the questions on Distance and Direction Test.


Ram is facing south direction.
14. Ans. B.

As per the information provided in the question, we can make the following diagram


It is clear from the diagram that John is in west direction.
15. Ans. A.

As per the information provided in the question, we can make the following diagram


Rakesh is 5 m away from the initial position.
16. Ans. C.

As per the information provided in the question, we can make the following diagram


Required distance $=10+14=24$ metres
17. Ans. A.

As per the information provided in the question, we can make the following diagram


Required distance $=\sqrt{8^{2}+6^{2}}=\sqrt{64+36}=10 \mathrm{~km}$
18. Ans. D.

As per the information provided in the question, we can make the following diagram


Now, she is facing north
19. Ans. D.

If A M A N = 1214
And A S H A = 1781
Then MANAS = 21417
20. Ans. B.
$B=25$ i.e., the position number of $B$ from the right end or in reverse order.
SUN $=8+6+13=27$
So, CAR $=24+26+9=59$
21. Ans. B.

ALPHABET $=23456987$
Then, TEBPHAAL $=78945223$
22. Ans. C.

432 = hot and humid
$25 \underline{7}$ = cold and cough
$\underline{796}=$ medicine for cough
clearly 5 stands for cold.
23. Ans. D.
$V=5$ i.e., the position number of $V$ from the right end or in reverse order.
And $\mathrm{R}=9$
So, MAP $=14+26+11=51$
24. Ans. D.
$\mathrm{R}=18+5=23$
$\mathrm{I}=9+5=14$
$\mathrm{G}=7+5=12$
$H=8+5=13$
$T=20+5=25$
Therefore,
$W=23+5=28$
$R=18+5=23$
$\mathrm{O}=15+5=20$
$N=14+5=19$
$\mathrm{G}=7+5=12$
25. Ans. C.

PEN $=$ ?*\&
LIC = ~! @
So, PENCIL = ?*\& @ !~
26. Ans. A.

ABC DEF GHI = 'ram play football'
TO GHI RE = 'football is sport'
RE PA THO means 'sport include cricket'
Clearly 'is' is coded with TO
27. Ans. B.
$12345678=$ ! @ \# ${ }^{\circ}{ }^{\wedge}$ \&*
So, \&^*\% = 7685
28. Ans. A.
$2 \times 2+1=5$
$5 \times 2+1=11$
$11 \times 2+1=23$
$23 \times 2+1=\underline{47}$
29. Ans. C.
$13+5=18,18+10=28,28+15=43,43+20=63$
30. Ans. A.

Term abba is repeating itself thus the complete series is

## abba/abba/abba

31. Ans. C.

1st Figure $18 \times 2=36 ; 18 \times 5=90$
2nd Figure $13 \times 2=\underline{\mathbf{2 6}} ; 13 \times 5=65$
3rd Figure $15 \times 2=30 ; 15 \times 5=75$
32. Ans. B.

The product of all the four numbers located at the periphery is equal to the central number.
First Arrangement $1 \times 4 \times 3 \times 2=\underline{\mathbf{2 4}}$
Second Arrangement $2 \times 5 \times 4 \times 3=120$
Third Arrangement $1 \times 6 \times 2 \times 4=48$
33. Ans. A.
$\mathrm{A}+2=\mathrm{C}, \mathrm{C}+3=\mathrm{F}, \mathrm{F}+4=\underline{\mathbf{J}}, \mathrm{J}+5=\mathrm{O}$
34. Ans. D.
$5+3=8$
$8+9=17$
$17+3=20$
$20+9=29$
So, $29+3=\underline{32}$
Also, $32+9=41$
35. Ans. C.
$2^{2}+1=5$
$5^{2}+1=26$
$26^{2}+1=\underline{677}$
36. Ans. B.
$(1)^{2}+(2)^{2}+(3)^{2}+(4)^{2}=1+4+9+16=30$
Therefore, $(3)^{2}+(6)^{2}+(5)^{2}+(4)^{2}=9+36+25+16=86$
37. Ans. C.

First figure: $6 \times$ ? $=4 \times 9$
Second figure: $9 \times 8=24 \times 3$
Third figure $15 \times 6=9 \times 10$
So, in first figure:
? $=\frac{36}{6}=6$

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38. Ans. D.
4\times4=16
16\times4=64
64\times4=256
5+0=5 4+2 = 6 4+3 = 7
3+1=4 2+1=3 1+1 = 2
9 9 9
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39. Ans. B.
$51 \div 17=3$
$42 \div 14=3$
$30 \div 3=10$
Hence, in the place of (?), digit 3 should be come to complete the pattern.
40. Ans. D.

When sanju shifted three places toward right he became $8^{\text {th }}$ from right i.e. earlier he was
$11^{\text {th }}$ from the right.
Earlier his position from left was $15-11+1=5$
41. Ans. D.

Aman > Alok > Amar
Arpit > Amar
So, Amar is shortest among them.
42. Ans. A.

Tom is 12 rank ahead of Sam.
Therefore, Tom is 27th from the last.
Total number of students $=27+4-1=30$
43. Ans. C.

Suppose the age of $C$ is $x$ years
Age of $D=x+1$ year
Age of $B=x+2$ years
Age of $A=x+3$ years
Therefore, C is the youngest of all.
44. Ans. C.

As per the information provided in the question, we can make the following diagram


Mohan is Facing towards south
45. Ans. D.

As per the information provided in the question, we can make the following diagram


Clearly, shyam is facing towards north direction.
46. Ans. B.

As per the information provided in the question, we can make the following diagram


It is clear from the diagram that Robin is 5 km away from the starting point.
47. Ans. D.

As per the information provided in the question, we can make the following diagram


Shobhit is 15 km from the starting point.
48. Ans. A.

As per the information provided in the question, we can make the following diagram


It is clear from the diagram that the man is 10 km towards west from the starting point. 49. Ans. B.


It is clear from the diagram that he is facing towards West 50. Ans. A.


Required distance
$=A E=A D+D E$
$=(5+10) \mathrm{km}=15 \mathrm{~km}$

