

DSSSB Resoning Top-50 Questions Answers with Solution

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1. Ans. B. ⇒ ε Aman would in North-East direction from the original position 2. Ans. C. $7 \times 4 - 9 = 19$ $9 \times 3 - 6 = 21$ 8 × 5 - 12 = **28** 3. Ans. A. Total number of students in the class = 8 + 28 - 1 = 354. Ans. D. According to question R > P > QT > S > PS > RFrom all the three statements T > S > R > P > QTherefore, T is the oldest among them. 5. Ans. B. The original position of Amit from the left = 9^{th} Therefore, his position from right = $16 - 9 + 1 = 8^{th}$ 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 15th from the left end. Therefore, total number of boys in the row = 9 + 15 - 1 = 238. Ans. A. Sitting arrangements: CABDEF 9. Ans. B. Sam – John Malik/George - Sam - Malik/George So, from the above relations: Malik/George - Sam - Malik/George - John 10. Ans. D. 0 > M > NQ > P > MP > OSo, from the above the conclusion is: Q > P > O > M > NSo, Q get highest marks. 11. Ans. B. The rank of George from last = 46 - 23 + 1 = 2412. 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 \sp{N}



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

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



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Now, she is facing north
19. Ans. D.
If A M A N = 1214
And A S H A = 1781
Then M A N A S = 2 1 4 1 7
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
257 = cold and cough
\underline{796} = medicine for <u>cough</u>
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 R = 9
So, MAP = 14+26+11 = 51
24. Ans. D.
R = 18 + 5 = 23
I = 9 + 5 = 14
G = 7+5 = 12
H = 8 + 5 = 13
T = 20+5 = 25
Therefore,
W = 23 + 5 = 28
R = 18 + 5 = 23
0 = 15 + 5 = 20
N = 14 + 5 = 19
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G = 7+5 = 1225. Ans. C. PEN = ?*&LIC = ~! @ So, PENCIL = ?*& @ !~ 26. Ans. A. ABC DEF GHI = 'ram play football' TO GHI <u>RE</u> = 'football is <u>sport'</u> RE PA THO means 'sport include cricket' Clearly 'is' is coded with TO 27. Ans. B. 12345678 = ! @ #\$%^&* So, &^*% = 7685 28. Ans. A. $2 \times 2 + 1 = 5$ $5 \times 2 + 1 = 11$ $11 \times 2 + 1 = 23$ $23 \times 2 + 1 = 47$ 29. Ans. C. 13 + 5 = 18, 18 + 10 = 28, 28 + 15 = 43, 43 + 20 = 6330. Ans. A. Term abba is repeating itself thus the complete series is <u>a</u>bba/a<u>b</u>ba/<u>a</u>b<u>b</u>a 31. Ans. C. 1st Figure $18 \times 2 = 36$; $18 \times 5 = 90$ 2nd Figure $13 \times 2 = 26$; $13 \times 5 = 65$ 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 $1 \times 4 \times 3 \times 2 = 24$ Second Arrangement $2 \times 5 \times 4 \times 3 = 120$ Third Arrangement $1 \times 6 \times 2 \times 4 = 48$ 33. Ans. A. A + 2 = C, C+3 = F, F+4 = **J**, J+5 = O 34. Ans. D. 5+3 = 88+9 = 1717+3 = 2020+9 = 29So, 29+3 = <u>32</u> Also, 32 + 9 = 4135. Ans. C. $2^2 + 1 = 5$ $5^2 + 1 = 26$ 26² + 1 = **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: 36 = 6 ? = 6



38. Ans. D. 4 × 4 = <u>**16**</u> $16 \times 4 = 64$ $64 \times 4 = 256$ 5 + 0 = 54+2 = 64+3 = 73+1 = 4 2+1 = 3 1+1 = 29 9 9 39. Ans. B. $51 \div 17 = 3$ $42 \div 14 = 3$ 30 ÷ 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 8th from right i.e. earlier he was 11th from the right. Earlier his position from left was 15 - 11 + 1 = 541. 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 = 3043. 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 $\frac{4 \text{ km}}{4 \text{ km}}$



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 = AE = AD + DE= (5 + 10) km = 15 km