

K D  
**Campus**  
**K D Campus Pvt. Ltd**

2007, OUTRAM LINES, 1ST FLOOR, OPPOSITE MUKHERJEE NAGAR POLICE STATION, DELHI-110009

**HARYANA SSC MOCK TEST - 58 (SOLUTION)**

- |         |         |         |          |
|---------|---------|---------|----------|
| 1. (C)  | 26. (D) | 51. (B) | 76. (C)  |
| 2. (B)  | 27. (A) | 52. (C) | 77. (A)  |
| 3. (B)  | 28. (C) | 53. (A) | 78. (A)  |
| 4. (A)  | 29. (B) | 54. (B) | 79. (C)  |
| 5. (D)  | 30. (B) | 55. (A) | 80. (B)  |
| 6. (D)  | 31. (C) | 56. (A) | 81. (A)  |
| 7. (C)  | 32. (C) | 57. (C) | 82. (A)  |
| 8. (D)  | 33. (B) | 58. (D) | 83. (A)  |
| 9. (B)  | 34. (D) | 59. (C) | 84. (A)  |
| 10. (D) | 35. (B) | 60. (B) | 85. (A)  |
| 11. (B) | 36. (A) | 61. (D) | 86. (D)  |
| 12. (D) | 37. (A) | 62. (D) | 87. (B)  |
| 13. (C) | 38. (A) | 63. (A) | 88. (C)  |
| 14. (D) | 39. (C) | 64. (A) | 89. (A)  |
| 15. (B) | 40. (C) | 65. (B) | 90. (C)  |
| 16. (A) | 41. (D) | 66. (C) | 91. (C)  |
| 17. (A) | 42. (C) | 67. (A) | 92. (D)  |
| 18. (A) | 43. (D) | 68. (A) | 93. (A)  |
| 19. (D) | 44. (A) | 69. (D) | 94. (D)  |
| 20. (B) | 45. (D) | 70. (B) | 95. (A)  |
| 21. (A) | 46. (A) | 71. (D) | 96. (D)  |
| 22. (A) | 47. (A) | 72. (A) | 97. (C)  |
| 23. (A) | 48. (D) | 73. (C) | 98. (B)  |
| 24. (C) | 49. (A) | 74. (B) | 99. (A)  |
| 25. (A) | 50. (D) | 75. (D) | 100. (A) |

**Explanation:**

41. (D) All other are male but niece is female.  
42. (C) vowels and consonent concept

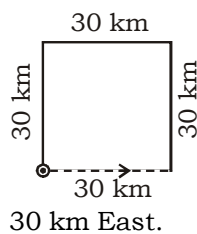
BA FE JI PO VU

43. (D)  
44. (A) **PETROL**  
45. (D) Column 1  $6 \times 2 = 12$        $12 \times 2 = 24$   
Column 2  $18 \times 2 = 36$      $36 \times 2 = 72$   
Column 3  $9 \times 2 = 18$        $18 \times 2 = 36$   
46. (A) command commerce commit conceive  
          1                   6                   2                   4

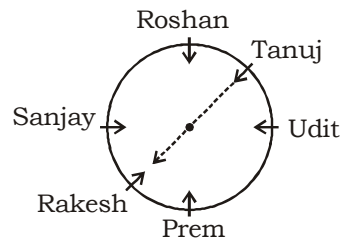
conduct    connect  
          5                   3

47. (A) aa**baa**/bb**abb**/aa**baa**/bb**abb**

48. (D)



49. (A)



50. (D) **DOWNBEAT** → **TABEWNDO**  
          ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓      ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓  
          1 2 3 4 5 6 7 8      8 7 5 6 3 4 1 2

Similarly,

**PROSPECT** → **TCPEOSPR**  
          ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓      ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓  
          1 2 3 4 5 6 7 8      8 7 5 6 3 4 1 2

51. (B) Suppose B takes x days to complete the work.

Then, time taken by A =  $\frac{x}{2}$  days

Work done by both A and B in one day

$$\frac{1}{18} = \frac{1}{x} + \frac{1}{\frac{x}{2}} = \frac{1}{x} + \frac{2}{x}$$

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$$\Rightarrow \frac{3}{x} = \frac{1}{18}$$

$$\Rightarrow x = 54 \text{ days}$$

B can do the work in 54 days.

$$\begin{aligned} 52. \text{ (A)} \quad & 7.5 \times 7.5 + 37.5 + 2.5 \times 2.5 \\ & = 7.5 \times 7.5 + 2 \times 7.5 \times 2.5 + 2.5 \times 2.5 \\ & = (7.5 + 2.5)^2 \\ & = (10.0)^2 \\ & = 100 \end{aligned}$$

53. (C) Let the age of new boy be  $x$  yrs.

Then,

$$\frac{40 \times 16 - 17 + x}{40} = 15.875$$

$$640 - 17 + x = 635$$

$$\Rightarrow x = 12 \text{ yrs.}$$

54. (B) Let the two numbers be  $x$  and  $y$  where  $x > y$ .

Then,

$$x - y = 40\% \text{ of } x$$

$$x - 30 = 0.40x$$

$$x - 0.40x = 30$$

$$x = \frac{30}{0.6} = 50$$

55. (A)  $\therefore$  CI - SI = ₹ 4

$$P \left( \frac{r}{100} \right)^2 = 4$$

$$\Rightarrow P = \frac{4 \times 100 \times 100}{4 \times 4}$$

$$= ₹ 2500$$

56. (A) Usual speed of the train =  $x$  km/h (say)

$$\text{Its new speed} = \frac{7x}{11} \text{ km/h}$$

$$\text{Distance covered in 22 hrs} = \frac{7x}{11} \times 22 \text{ km}$$

$$= 14x \text{ km}$$

Time taken by the train when it runs

$$\text{on its usual speed} = \frac{\text{Distance}}{\text{Speed}}$$

$$= \frac{14x}{x}$$

$$= 14 \text{ hrs}$$

$$\begin{aligned} 57. \text{ (C)} \quad & \text{A single discount equivalent to} \\ & \text{successive discounts of 20\% and 10\%} \\ & = (100 - 80\% \text{ of } 90\% \text{ of } 100)\% \\ & = (100 - 72)\% \\ & = 28\% \end{aligned}$$

58. (D) Let the two numbers be  $5x$  and  $7x$ .

ATQ,

$$\frac{5x - 40}{7x - 40} = \frac{17}{27}$$

$$135x - 1080 = 119x - 680$$

$$135x - 119x = -680 + 1080$$

$$16x = 400$$

$$x = 25$$

The difference of the numbers

$$= 2x = 2 \times 25 = 50$$

$$59. \text{ (C)} \quad A : B = \frac{1}{2} : \frac{3}{8} = 4 : 3 = 8 : 6$$

$$B : C = \frac{1}{3} : \frac{5}{9} = 3 : 5 = 6 : 10$$

$$C : D = \frac{5}{6} : \frac{3}{4} = 10 : 9 = 10 : 9$$

$$\therefore A : B : C : D = 8 : 6 : 10 : 9$$

60. (B) Let the speed of Ramesh in still water =  $x$  km/h

His speed downstream =  $(x + 3)$  km/h

Speed upstream =  $(x - 3)$  km/h

Distance downstream = Distance upstream

$$(x + 3) \times 6 = (x - 3) \times 9$$

$$18 + 27 = 3x$$

$$x = 15 \text{ km/h}$$

**Note:- If your opinion differs regarding any answer, please message the mock test and question number to 8860330003**

**Note:- If you face any problem regarding result or marks scored, please contact 9313111777**