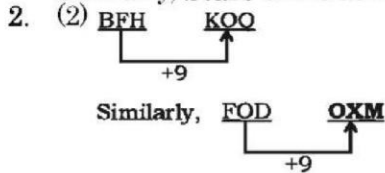


ANSWER SET - 10

01. (1) 02. (2) 03. (2) 04. (3) 05. (2)
 06. (4) 07. (2) 08. (4) 09. (2) 10. (3)
 11. (4) 12. (1) 13. (1) 14. (4) 15. (4)
 16. (1) 17. (2) 18. (4) 19. (2) 20. (1)
 21. (4) 22. (3) 23. (1) 24. (1) 25. (2)
 26. (2) 27. (3) 28. (4) 29. (1) 30. (2)
 31. (2) 32. (4) 33. (2) 34. (2) 35. (4)
 36. (3) 37. (4) 38. (3) 39. (3) 40. (4)
 41. (1) 42. (1) 43. (1) 44. (3) 45. (2)
 46. (1) 47. (4) 48. (2) 49. (4) 50. (4)
 51. (1) 52. (2) 53. (4) 54. (4) 55. (2)
 56. (3) 57. (4) 58. (1) 59. (3) 60. (3)
 61. (3) 62. (1) 63. (*) 64. (2) 65. (1)
 66. (2) 67. (4) 68. (2) 69. (1) 70. (4)
 71. (1) 72. (4) 73. (1) 74. (2) 75. (2)
 76. (1) 77. (2) 78. (3) 79. (4) 80. (3)
 81. (4) 82. (2) 83. (4) 84. (4) 85. (3)
 86. (2) 87. (1) 88. (1) 89. (2) 90. (1)
 91. (2) 92. (2) 93. (1) 94. (1) 95. (1)
 96. (4) 97. (1) 98. (3) 99. (4) 100. (2)

EXPLANATION - 10

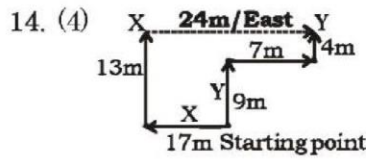
1. (1) Sun shines in Day time. Similarly, Stars shine at Night.



3. (2) $6 \times \frac{-1}{2} = -3$

Similarly, $-36 \times \frac{-1}{2} = 18$

4. (3) Except **White**, all are natural colours.
 5. (2) Except **UAO**, others have consonants.
 6. (4) Except **625**, others are cubic numbers.
 7. (2) Natural \rightarrow Naughty \rightarrow Neither \rightarrow Next \rightarrow Noisy.
 8. (4) Difference between these two dates
 $= 2 + 30 + 31 + 31 + 30 + 29 = 153$
 $= 21 \text{ weeks} + 6 \text{ days}$
 Hence, Required day = Monday + 6 days
 $= \text{Sunday}$
 9. (2) ATQ,
 $180 = 30 + 20 + 60 + 70$
 $170 \neq 70 + 60 + 20 + 30$
 $120 = 70 + 20 + 30$
 $150 = 60 + 20 + 70$
 Hence, the sum of all these boxes can not be 170, when a box is used only once.
 10. (3) **REALM**
 11. (4)
 $\begin{array}{ccccccc} \text{employ} & \text{oyster} & \text{errors} & \text{ornate} & \text{tennis} & \text{isomer} & \\ \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \downarrow & \\ 6 & 6 & 6 & 6 & 6 & 6 & \text{letters} \end{array}$
 12. (1) $\begin{array}{ccccccc} \text{XXXXX} & \text{O} & & & & & \text{XXXXX} \\ \text{XXXOXX} & & \text{XXOXXX} & & & & \\ \text{XOXXXX} & & & & & & \text{OXXXXX} \end{array}$
 13. (1) $\begin{array}{ccccccc} & & & & & & \text{X} \\ & & & & & & \downarrow \\ & & & & & & \frac{-7}{4} \\ & & & & & & \uparrow \\ & & & & & & \frac{-1}{4} \\ & & & & & & \uparrow \\ & & & & & & \frac{-0.25}{4} \\ & & & & & & \uparrow \\ & & & & & & \frac{0.5}{4} \\ & & & & & & \uparrow \\ & & & & & & \frac{1.25}{4} \\ & & & & & & \uparrow \\ & & & & & & \frac{3}{4} \\ & & & & & & \uparrow \\ & & & & & & \frac{3}{4} \\ & & & & & & \uparrow \\ & & & & & & \frac{3}{4} \\ & & & & & & \uparrow \\ & & & & & & \frac{3}{4} \end{array}$



15. (4) $90 \times 18 \div 5 + 2 - 10$
 Change the symbol, as per given details,
 $90 \div 18 - 5 \times 2 + 10 = 5$
 16. (1) $8 + 5 + 3 + 1 \Rightarrow 17$
 $9 + 2 + 3 + 8 \Rightarrow 22$
 $6 + 5 + 2 + 4 \Rightarrow 17$
 17. (2) **A, F, C**
 18. (4)
 19. (2) **I False**
II False
 50. (1) **Sethurathnam Ravi**, the noted chartered accountant, has been appointed as the new Chairman of the Bombay Stock Exchange with effect from November 13, 2017.
 51. (1) ATQ,
 $3501 = 11 \times 318 + 3$
 Hence, 3 is the required number.
 52. (2) ATQ,
 $\begin{array}{cc} \text{P} & \text{Q} \\ 3 & 1 \text{ efficiency} \\ 1 & 3 \text{ days} \end{array}$
 Hence, Required days
 $= \frac{15 \times (3+1) \times 1}{3} = 20 \text{ days}$
 53. (4) ATQ,
 Area of regular hexagon
 $= 6 \times \frac{\sqrt{3}}{4} \times 16 \times 16$
 $= 384\sqrt{3} \text{ cm}^2$
 56. (3) ATQ,
 Effective average
 $= \frac{40 \times 25 - 85 + 58}{40} = 24.325$
 57. (4) ATQ,
 Cost price for wholesaler
 $= \frac{4158 \times 100}{\left(100 + 10 + 5 + \frac{5 \times 10}{100}\right)}$
 $= ₹ 3600$
 59. (3) ATQ,
 Required average = $\frac{2 \times 40 \times 60}{(40 + 60)}$
 $= 48 \text{ kmph}$
 61. (3) ATQ,
 $\frac{x}{2} - \frac{4 \left[\left(\frac{15}{2} \right) - \left(\frac{x}{3} \right) \right]}{3} = \frac{-x}{2}$
 $\Rightarrow \frac{9x}{18} - \frac{180}{18} + \frac{8x}{18} = \frac{-x}{18}$
 $\Rightarrow x = 10$
 64. (2) ATQ,
 $S_{11} = \frac{11}{2} [7 + 55] = 11 \times 31 = 341$

65. (1)
 Hence, Required point = $(-4, -3)$
 66. (2) ATQ,
 $A(x, y) = \left(\frac{\frac{7}{2} \times 4 + 6 \times 1}{4 + 1}, \frac{6 \times 4 + 1 \times 1}{4 + 1} \right)$
 $= (4, 5)$
 Hence, Required points = $(4, 5)$
 67. (4) ATQ,
 Required slope
 $= \frac{(-4 - (-1))}{(-4 - 5)} = \frac{-3}{-9} = \frac{1}{3}$
 68. (2) ATQ,
 $XY = \frac{18}{11} \times 4.4 = 7.2 \text{ cm}$
 69. (1) ATQ,
 $\frac{1}{2} \operatorname{cosec} 60^\circ + \sqrt{2} \cot 30^\circ$
 $= \frac{1}{2} \times \frac{2}{\sqrt{3}} + \sqrt{2} \times \sqrt{3} = \frac{1 + 3\sqrt{2}}{\sqrt{3}}$
 70. (4) ATQ,
 $\operatorname{cosec} (180^\circ - 90^\circ - 45^\circ) \times \cot 45^\circ$
 $= \operatorname{cosec} 45^\circ \times 1 = \sqrt{2}$
 72. (4) **B**
 73. (1) Required angle
 $= \frac{25 \times 360^\circ}{90} = 100^\circ$
 74. (2) Required increment
 $= \frac{(30 - 10) \times 100}{10}$
 $= 200\%$
 75. (2) Transport : Hosting Cost
 $\begin{array}{cc} 9000000 & : & 90 \times 15000 \\ 2 & : & 3 \end{array}$
 Hence, Required ratio = **3 : 2**
 82. (2) Superior is followed by preposition 'to' not than.
 86. (2) In Part (2) 'Furniture' is an uncountable noun. We cannot make it plural by adding 's' to it but in part (3) 'have' is used so change 'furniture' into 'pieces of furniture'.
 87. (1) As per the meaning of sentence, add 'a' before 'little' because we mean to say a small but not negligible amount of creativity.
 92. (2) The correct pair is "Hardly..... when". Replace 'then' with 'when'.
 93. (1) 'To let out' means 'to allow someone to leave a place, usually by opening a door'. 'To let' means '(of a room) available for rent'.