

HSSC MOCK TEST - 136 (SOLUTION)

50. (D)

51. (D) $\begin{matrix} B & d & E & g & K & m & N & P \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +2 & +1 & +2 & +2 & +1 & +2 & +2 & +2 \end{matrix}$

$\begin{matrix} P & r & S & u & T & w & X & z \\ \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow & \uparrow \\ +2 & +1 & +2 & +3 & +4 & +2 & +2 & +2 \end{matrix}$

52. (B) Given series = 2, 6, 18, 54.....

$$r = \frac{6}{2} = \frac{18}{6} = 3$$

$$\therefore T_8 = 2 \times (81)^{8-1} = 2 \times 3^7 = 4374$$

53. (A) aabcc/bbcaa/ccabb/aabcc

54. (A)

55. (A)

$$\begin{array}{r} 1213 \\ 1 \overline{)1471369} \\ \underline{1} \\ 22 \underline{47} \\ \underline{44} \\ 241 \underline{313} \\ \underline{241} \\ 2423 \underline{7269} \\ \underline{7269} \\ x \end{array}$$

Required square root = 1213

56. (B) Let share of C = x

ATQ,

$$x + x - 20 + x - 40 = 120$$

$$\Rightarrow 3x = 180$$

$$\Rightarrow x = 60$$

$$\therefore \text{Share of B} = 60 - 40 = ₹20$$

57. (D) From option (D)

Age of younger one = 10 years

Age of elder one = 30 years

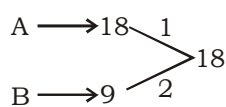
ATQ,

$$5(10 - 5) = 30 - 5$$

$$\Rightarrow 25 = 25$$

\therefore Option (D) is correct.

58. (B) ATQ,



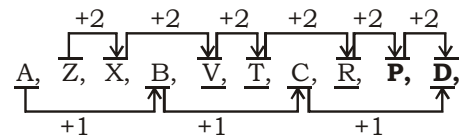
$$\therefore \text{Required part} = \frac{18}{3} = \frac{1}{6}$$

59. (D) Required speed = $\frac{200}{24} \times \frac{18}{5} = 30 \text{ km/hr}$

70. (C) Afforest \rightarrow Alive \rightarrow **Anticipate** \rightarrow Appreciate

71. (C) As, Scribbler is related to write. Similarly, Stammerer is related to **Speak**.

73. (A)



74. (C) ATQ,

$$12CP = 8CP$$

$$\therefore \text{Profit} = \frac{4}{8} \times 100 = 50\%$$

75. (D) Total present age of P and Q = $15 \times 2 + 10 = 40$ years

Total present age of P, Q and R = $20 \times 3 = 60$ years

$$\therefore \text{Required age of R} = 60 - 40 + 10 = 30 \text{ years}$$

76. (B) Required number = HCF of $(1661 - 10)$ and $(2045 - 13) = 127$

$$77. (C) \frac{(243)^{\frac{n}{5}} \times 3^{2n+1}}{a^n \times 3^{n-1}}$$

$$= \frac{(3)^{\frac{5 \times n}{5}} \times 3^{2n+1}}{3^{2n+n-1}} = \frac{3^{3n+1}}{3^{3n-1}}$$

$$= 3^{3n+1} - 3^{n+1} = 9$$

78. (C) Part emptied by the looking 1 hour = $\frac{1}{6}$

Net part emptied by the leak and the

$$\text{inlet pipe in 1 hour} = \frac{1}{8}$$

Part filled by the inlet pipe in hour

$$= \frac{1}{6} - \frac{1}{8} = \frac{1}{24}$$

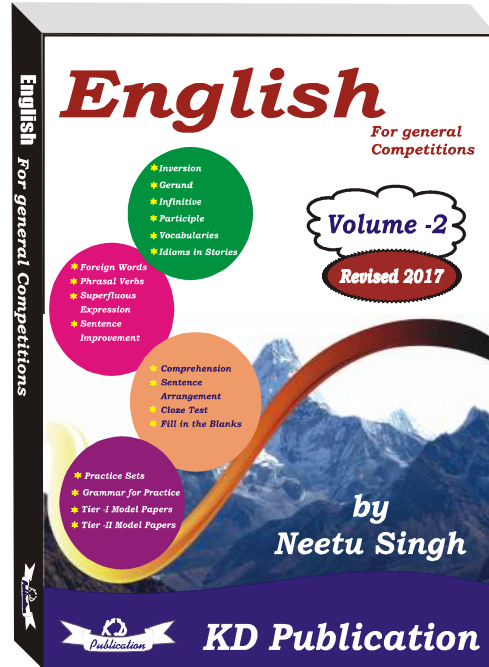
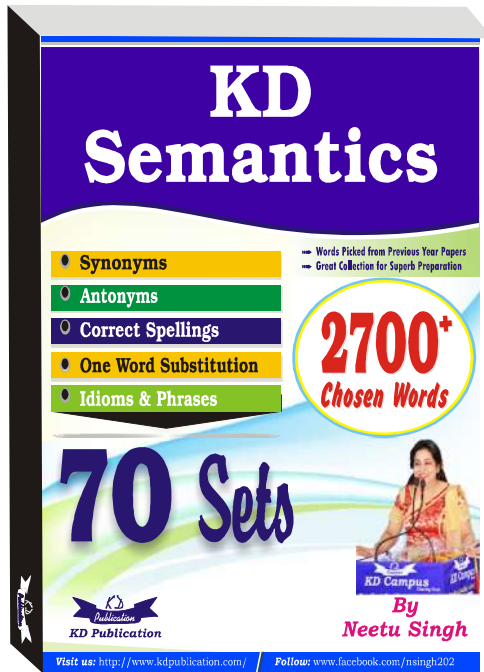
$$\therefore \text{Capacity of tank} = 24 \times 60 \times 4 = 5760 \text{ litres}$$

91. (D) There is no error in the sentence.

92. (B) B is the right answer. Use seems with it. Seem is the wrong expression

MEANINGS IN ALPHABETICAL ORDER

Word	Meaning in English	Meaning in Hindi
Substantive	essential	मूल
Resolution	a firm decision to do or not to do something	संकल्प
Convog	a group of ships or vehicles travelling together	काफिला
Cortege	a funeral procession	शव-यात्रा
Consonance	Balance	तालमेल
Funeral	a ceremony or service hold shortly after a person's death	अंतिम संस्कार



HSSC MOCK TEST – 136 (ANSWER KEY)

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