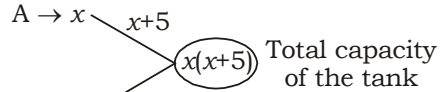




76. (B) Let the no. be 30 and 28 respectively.  
then, the sum of no. =  $30 + 28 = 58$   
Now, divide the no. by 17, then we have  
7 as the remainder.

77. (B) Let the time taken by the faster pipe (A)  
=  $x$  hours



Then time taken by the slower pipe (B)  
=  $(x + 5)$  hours

ATQ,

$$\frac{x(x+5)}{x+(x+5)} = 6$$

$$\Rightarrow x^2 + 5x = 12x + 30$$

$$\Rightarrow x^2 - 7x - 30 = 0$$

$$\Rightarrow x^2 - 10x + 3x - 30 = 0$$

$$\Rightarrow x(x-10) + 3(x-10) = 0$$

$$\Rightarrow (x-10)(x+3) = 0$$

$$x = 10 \text{ hours}$$

78. (A) S.I for 1 year = 10%

C.I for 1 year half yearly = 10.25%

$$\therefore 25\% = 180$$

$$100\% = ₹ 72,000$$

79. (C) old salary      200 : 300 : 500  
                                  ↓15%    ↓10%    ↓20%  
new salary      230 : 330 : 600  
                                  23 : 33 : 60

80. (B) Let the age of father and son 10 years  
ago be  $3x$  and  $x$  years respectively.

$$\text{Then, } (3x + 10) + 10 = 2[(x + 10) + 10]$$

$$\Rightarrow 3x + 20 = 2x + 40$$

$$\Rightarrow x = 20$$

$$\therefore \text{Required ratio} = (3x + 10) : (x + 10)$$

$$= 70 : 30 = 7 : 3$$

**HARAYANA MOCK TEST - 153 (ANSWER KEY)**

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

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

**Note:- Whatsapp with Mock Test No. and Question No. at 7053606571 for any of the doubts. Join the group and you may also share your suggestions and experience of Sunday Mock Test.**

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