

Hence, 1st part = $\frac{14}{(14+7+6)} \times 81 = 42$

22. (A) LCM of $\frac{2}{5}$, $\frac{3}{10}$ & $\frac{4}{15} = \frac{\text{LCM of 2, 3 \& 4}}{\text{HCF of 5,10,15}}$
 $= \frac{12}{5} = 2\frac{2}{5}$

23. (D) Let work is completed in x day.

ATQ, $\frac{x}{24} + \frac{x}{30} + \frac{x-4}{40} = 1$

$\Rightarrow \frac{5x+4x+3x-12}{120} = 1$

$\Rightarrow 12x = 120 + 12 \Rightarrow x = 11$ days.

24. (D) Let the rate of interest per annum = $R\%$

$\therefore 2P = \frac{P \times R \times 30}{100} \Rightarrow \frac{20}{3}\% = 6\frac{2}{3}\%$

25. (A) $222 - \left[\frac{1}{3} \text{ of } \{42 + (56 + \overline{-8+9})\} + 108 \right]$

$= 222 - \left[\frac{1}{3} \times \{42 + (56 - 17)\} + 108 \right]$

$= 222 - \left[\frac{1}{3} \times \{42 + 39\} + 108 \right]$

$= 222 - \left[\frac{1}{3} \times 81 + 108 \right]$

$= 222 - (27 + 108)$

$= 222 - 135 = 87$

26. (C) Today total age of P and Q = $15 \times 2 + (5 + 5)$

$= 30 + 10 = 40$ years

Today total age of P, Q and R

$= 3 \times 20 = 60$ years

\therefore Today age of R = $(60 - 40) = 20$ years

\therefore After 10 years age of R = $20 + 10$

$= 30$ years

27. (D) Let the average weight of another class = x kg

Then, ATQ

$28 = \frac{15 \times 32 + 20 \times x}{(15 + 20)}$

$\Rightarrow x = \frac{980 - 480}{20} = 25$ kg

28. (D) Loss % = $\frac{20 - 15}{20} \times 100 = 25\%$

29. (B) Suppose the total number of books = x

$\frac{x}{2} + \left(\frac{x}{2} \times \frac{3}{4} \right) + 150 = x$

$\Rightarrow \frac{x}{2} + \frac{3x}{8} + \frac{150}{1} = x$

$\Rightarrow \frac{4x+3x+1200}{8} = x$

$\Rightarrow 8x - 7x = 1200$

$\Rightarrow x = 1200$

30. (A) Relative speed of train

$= (25 + 2)$ kmph = 27 kmph

Distance covered by train in crossing the man = 270 m

Now, 27 kmph

$= 27 \times \frac{5}{18}$ m/sec = $\frac{15}{2}$ m/sec

\therefore Required time = $\frac{270}{\frac{15}{2}} = \frac{270 \times 2}{15}$

$= 36$ seconds



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HARYANA SSC MOCK TEST - 19 (ANSWER KEY)

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

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

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