

## Quantitative Aptitude for SBI PO Prelims Exam

Q1. Find the total no. of students from UP, Bihar and Rajasthan together who appeared for written exam.

- (a) 32990
- (b) 36990
- (c) 38990
- (d) 34990
- (e) 39690

Q2. If 80% out of total students who appeared for written exam cleared the written exam and then 50% out of them were short listed for personal interview on the basis of their performance in group discussion then find the difference between total no. of students who were shortlisted for interview to the total candidates who got finally selected.

- (a) 5480
- (b) 5840
- (c) 5280
- (d) 4850
- (e) 5680

Q3. What is the total no. of male students who appeared in the written exam of DMRC from UP and Delhi together?

- (a) 18920
- (b) 20920
- (c) 22190
- (d) 21920

Q4. Total no. of students who got final selection from UP is what percent of that from Delhi?

- (a) 140%
- (b) 150%
- (c) 160%
- (d) 155%
- (e) 145%

Q5. Total no. of students who appeared in written exam from MP is what percent more or less than that from Rajasthan?

- (a) 25% less
- (b) 25% more
- (c) 20% more
- (d) 20% less
- (e) 28% more

Q6. The ratio of age of Abhishek and Rohit 4 year before was 4: 5 and Ratio of their ages 2 years later will be 5: 6. Find the present average age of Abhishek and Rohit.

- (a) 24 years
- (b) 31 years
- (c) 30 years
- (d) 28 years
- (e) 32 years

Q7. At the rate of 15% P.A. compound interest paid on 3<sup>rd</sup> year is Rs. 4761. Find the principal amount.

- (a) Rs. 40,000
- (b) Rs. 50,000
- (c) Rs. 32,000
- (d) Rs. 24,000
- (e) Rs. 45,000

Q8. A retailer promises to sell his goods at cost price but he cheats while buying the goods 10% extra by weight and also cheats while selling the goods giving 20% less by weight. Find his profit percentage.

- (a)  $37\frac{1}{2}\%$
- (b)  $35\frac{1}{2}\%$
- (c)  $45\frac{1}{2}\%$
- (d) 30%
- (e) 28%

Q9. In a rectangular plot of 24m × 16m two roads of 1.5m wide each as shown in figure were made. If cost of making road is Rs. 310 per m<sup>2</sup> then find the cost of making whole road.



- (a) Rs. 22000.50
- (b) Rs. 18850
- (c) Rs. 17902.50
- (d) Rs. 14603
- (e) None of these

Q10. A vessel contains mixture of milk and water in ratio 3: 1 if 20 liters of mixture is taken out and 15 liters of milk is added then ratio of milk and water becomes 4: 1. Find the initial quantity of mixture.

- (a) 100 L
- (b) 80 L
- (c) 120 L
- (d) 60 L
- (e) 150 L

Directions (11-15): Find the value of  $x$  in the given simplification problems.

Q11.  $84\%$  of  $250 + 66\frac{2}{3}\%$  of  $891 + 17^2 = x$

- (a) 986
- (b) 1093
- (c) 1132
- (d) 850
- (e) 1025

Q12.  $\frac{(x - \sqrt{121})}{2 - 2} + 16 \times 22 = 23^2 + 51$

- (a) 68
- (b) 51
- (c) 75
- (d) 62
- (e) 47

Q13.  $13 \times 17 + 21^2 + \sqrt{32 \times 72} + 38\%$  of  $150 = x$

- (a) 550
- (b) 671
- (c) 808
- (d) 767
- (e) 748

Q14.  $\frac{x^2}{\sqrt{256}} = \frac{\sqrt{16 \times 729}}{x}$

- (a) 12
- (b) 8
- (c) 15
- (d) 6
- (e) 18

Q15.  $\sqrt{4^2 \times 22 - 11 \times 6 + 7^x - 10^2} = 23$

- (a) 2
- (b) 3
- (c) 0
- (d) 1
- (e) 4