

### Special IBPS MOCK-1 By Alok Sir

#### Numerical ability

**Directions (1-5): What value should come in place of question mark (?) in the following questions?**

1.  $3.6 + 36.6 + 3.66 + 0.36 + 3.0 = ?$   
 (a) 44.22 (b) 77.22 (c) 74.22  
 (d) 47.22 (e) None of these
2.  $23 \times 45 \div 15 = ?$   
 (a) 69 (b) 65 (c) 63  
 (d) 71 (e) None of these
3.  $4\frac{5}{6} + 7\frac{1}{2} - 5\frac{8}{11} = ?$   
 (a)  $2\frac{10}{33}$  (b)  $6\frac{20}{33}$   
 (c)  $2\frac{20}{33}$  (d)  $6\frac{10}{33}$   
 (e) None of these
4.  $\frac{210}{14} \times \frac{17}{15} \times ? = 4046$   
 (a) 202 (b) 218 (c) 233  
 (d) 227 (e) None of these
5. 83% of 2350 = ?  
 (a) 1509.5 (b) 1950.5 (c) 1905.5  
 (d) 1590.5 (e) None of these
6.  $\sqrt{1089} + 3 = (?)^2$   
 (a) 5 (b) 6 (c) 3  
 (d) 8 (e) 4
7.  $96 + 32 \times 5 - 31 = ?$   
 (a) 223 (b) 225 (c) 229  
 (d) 221 (e) None of these
8.  $? \div 36 = (7)^2 - 8$   
 (a) 1426 (b) 1449 (c) 1463  
 (d) 1476 (e) None of these
9.  $\sqrt{8281} = ?$   
 (a) 89 (b) 97 (c) 93  
 (d) 91 (e) 83
10.  $(63)^2 - (12)^2 = ?$   
 (a) 3528 (b) 3852 (c) 3582  
 (d) 3825 (e) None of these
11.  $1\frac{4}{5} + 3\frac{3}{5} = ? - 4\frac{3}{10}$   
 (a)  $9\frac{7}{10}$  (b)  $7\frac{7}{10}$  (c)  $9\frac{3}{10}$   
 (d)  $7\frac{9}{10}$  (e) None of these
12.  $17 \times 19 \times 4 \div ? = 161.5$   
 (a) 8 (b) 6 (c) 7  
 (d) 9 (e) None of these

13.  $1798 \div 31 \times ? = 348$   
 (a) 3 (b) 6 (c) 4  
 (d) 5 (e) None of these
  14.  $(9.8 \times 2.3 + 4.46) \div 3 = (3)^?$   
 (a) 3 (b) 9 (c) 5  
 (d) 2 (e) None of these
  15. 43% of 600 + ? % of 300 = 399  
 (a) 45 (b) 41 (c) 42  
 (d) 47 (e) None of these
  16. What will be the compound interest on a sum Rs. 7500 at 4% per annum in 2 years?  
 (a) Rs. 618 (b) Rs. 612 (c) Rs. 624  
 (d) Rs. 606 (e) Rs. 621
  17. In how many different ways can the letters of the word 'CREAM' be arranged?  
 (a) 720 (b) 240 (c) 360  
 (d) 504 (e) None of these
  18. The circumference of a circle is 792 metres. What will be its radius?  
 (a) 120 metres (b) 133 metres (c) 145 metres  
 (d) 136 metres (e) None of these
  19. The cost of 36 pens and 42 pencils will be Rs. 460. What is the cost of 18 pens and 21 pencils?  
 (a) Rs. 230 (b) Rs. 203 (c) Rs. 302  
 (d) Rs. 320 (e) None of these
  20. The ratio of the ages of A and B seven years ago was 3 : 4 respectively. The ratio of their ages nine years from now will be 7: 8 respectively. What is B's age at present ?  
 (a) 16 yrs (b) 19 yrs (c) 28 yrs  
 (d) 23 yrs (e) None of these
  21. In how many years will Rs. 4600 amount of Rs. 5428 at 3% per annum simple interest?  
 (a) 3 (b) 5 (c) 6  
 (d) 4 (e) none of these
  22. What will be the average of the following set of scores?  
 59, 84, 44, 98, 30, 40, 58  
 (a) 62 (b) 66 (c) 75  
 (d) 52 (e) 59
  23. The sum of three consecutive odd numbers in 1383. What is the largest number?  
 (a) 463 (b) 459 (c) 457  
 (d) 461 (e) None of these
- Direction (24-26): Study the information given below and answer the questions that follow:**
- An article was bought for Rs. 5600. Its price was marked up by 12%. Therefore it was sold at a discount of 5% on the marked price.
24. What was the marked price of the article?  
 (a) Rs. 6207 (b) Rs. 6242 (c) Rs. 6292  
 (d) Rs. 6192 (e) Rs. 6272
  25. What was the per cent profit on the transactions?