

# IBPS Specialist Officer Quantitative Aptitude Model Question Paper

IBPS Specialist Officer Quantitative Aptitude Sample Question Paper

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1.  $434 \times 645 = ?$

- (A) 27840
- (B) 297930
- (C) 279903
- (D) 279930
- (E) None of these

Ans : (D)

2.  $7 \times ? = 29.05$

- (A) 4.05
- (B) 4.15
- (C) 3.95
- (D) 4.28
- (E) None of these

Ans : (B)

3.  $725 / 25 - 13 = ?$

- (A) 16
- (B) 29
- (C) 12
- (D) 18
- (E) None of these

Ans : (A)

**4.  $(558 \times 45) / (18 \times 45) = ?$**

- (A) 314
- (B) 313
- (C) 312
- (D) 311
- (E) None of these

Ans : (E)

**5.  $559 + 995 = ? \times 16$**

- (A) 92.05
- (B) 95.25
- (C) 93.15
- (D) 94.35
- (E) None of these

Ans : (B)

**6.  $((337 + 146) \times 8) = ?$**

- (A) 3884
- (B) 1515
- (C) 3864
- (D) 1505
- (E) 3846

Ans : (C)

**7.  $806 / 26 = ?$**

- (A) 30
- (B) 32
- (C) 34
- (D) 36
- (E) None of these

Ans : (E)

**8.  $7\frac{3}{4} + 5\frac{1}{4} + 8\frac{1}{4} = ?$**

- (A)  $20\frac{1}{4}$
- (B)  $21\frac{1}{2}$
- (C)  $21\frac{3}{4}$
- (D)  $21\frac{3}{4}$
- (E)  $20\frac{3}{4}$

Ans : (B)

**9.  $4758 - 2782 - 1430 = ?$**

- (A) 356
- (B) 396
- (C) 486
- (D) 546
- (E) None of these

Ans : (D)

**10.  $((8)^2 + 164 + 4) / 14 = ?$**

- (A) 25
- (B) 64
- (C) 8
- (D) 7.5
- (E) None of these

Ans : (D)

**11.  $\frac{2}{5} + \frac{10}{13} + \frac{7}{13} = ?$**

- (A)  $2\frac{23}{65}$
- (B)  $1\frac{46}{65}$
- (C)  $2\frac{10}{13}$
- (D)  $\frac{46}{65}$
- (E)  $1\frac{10}{13}$

Ans : (B)

**12. 248 of  $\frac{7}{8}$  + 110 of 20% = ?**

- (A) 192
- (B) 202
- (C) 212
- (D) 239
- (E) 242

Ans : (D)

**13.  $576 \div ? \times 114 = 8208$**

- (A) 8
- (B) 7
- (C) 6
- (D) 9
- (E) None of these

Ans : (A)

**14. 280% of 460 =?**

- (A) 1188
- (B) 1284
- (C) 1288
- (D) 1280
- (E) None of these

Ans : (C)

**15. 484 of  $\frac{3}{4}$  + 366 of  $\frac{5}{6}$  = ?**

- (A) 663
- (B) 844
- (C) 668
- (D) 848
- (E) 666

Ans : (C)

**16. Which of the following is equal to  $30 \times 246$ ?**

- (A)  $118 \times 13 + 209 \times 42$
- (B)  $174 \times 10 + 222 \times 19$
- (C)  $173 \times 12 + 221 \times 24$
- (D)  $169 \times 16 + 167 \times 50$
- (E) None of these

Ans : (C)

**17. The cost of 9 kgs. of sugar is Rs. 279. What is the cost of 153 kgs. of sugar?**

- (A) Rs. 3.377
- (B) Rs. 4.473
- (C) Rs. 4.377
- (D) Rs. 4.743
- (E) Rs. 4.347

Ans : (D)

**18. A bus travels at the speed of 49 kmph. and reaches its destination in 7 hours. What is the distance covered by the bus?**

- (A) 343 km
- (B) 283 km
- (C) 353 km
- (D) 245 km
- (E) 340 km

Ans : (A)

**19. What is the least number to be added to 1500 to make it a perfect square?**

- (A) 20
- (B) 21
- (C) 22
- (D) 23
- (E) None of these

Ans : (B)

**20. The sum of three consecutive integers is 39. Which of the following is the largest among the three?**

- (A) 12
- (B) 15
- (C) 13
- (D) 16
- (E) None of these

Ans : (E)

**21.  $\frac{1}{4}$ th of  $\frac{2}{5}$ th of a number is 82. What is the number?**

- (A) 410
- (B) 820
- (C) 420
- (D) 220
- (E) None of these

Ans : (B)

**22. Find the average of the following set of scores:**

**118, 186, 138, 204, 175, 229**

- (A) 148
- (B) 152
- (C) 156
- (D) 160
- (E) 175

Ans : (E)

**23. How many pieces of 8.6 metres long cloth can be cut out of a length of 455.8 metres cloth?**

- (A) 43
- (B) 48
- (C) 55

- (D) 53
- (E) 62

Ans : (D)

**24. The product of two successive numbers is 3192. What is the smallest number?**

- (A) 59
- (B) 58
- (C) 57
- (D) 56
- (E) None of these

Ans : (D)

**25. A banana costs Rs. 2.25 and an apple costs Rs. 3.00. What will be the total cost of 4 dozen of bananas and 3 dozen of apples?**

- (A) Rs. 216
- (B) Rs. 108
- (C) Rs. 189
- (D) Rs. 225
- (E) Rs. 162

Ans : (A)

**26. Three numbers are in the ratio of 3: 4 :5 respectively. If the sum of the first and third numbers is more than the second number by 52, then which will be the largest number?**

- (A) 65
- (B) 52
- (C) 79
- (D) 63
- (E) None of these

Ans : (A)

**27. The compound interest on a certain amount for 2 years at the rate of 8 p.c.p.a. is Rs.312. What will be the simple interest on the same amount and at the same rate and same time?**

- (A)Rs. 349.92
- (B) Rs. 300
- (C)Rs. 358.92
- (D) Rs. 400
- (E) None of these

Ans : (B)

**28. The length of a rectangle exceeds its breadth by 7cms. If the length and breadth is decreased by 4cm. and 3 cms., then the area of the new rectangle is same as the area of the original. What will be the perimeter of the original rectangle?**

- (A)45 cms.
- (B)40 cms.
- (C)50 cms.
- (D)55 cms.
- (E)None of these

Ans : (C)

**29. The sum of the digits of a two digit number is 12. If the new number formed by reversing the digits is greater than the original number by 54, then what will be the original number?**

- (A)28
- (B) 48
- (C)39
- (D) 93
- (E) None of these

Ans : (C)

**30. In a fraction, twice the numerator is two more than the denominator. If 3 is added to the numerator and the denominator each, then the resultant fraction will be  $\frac{2}{3}$  .What was the original fraction ?**

- (A) $\frac{5}{18}$
- (B) $\frac{6}{13}$

- (C) 13/6
- (D) 7/12
- (E) None of these

Ans : (D)

**31. Four-fifth of a number is 10 more than two-third of the same number. What is the number?**

- (A) 70
- (B) 75
- (C) 69
- (D) 85
- (E) None of these

Ans : (B)

**32. A shopkeeper purchased 200 bulbs for Rs. 10 each. However, 5 bulbs were fused and had to be thrown away. The remaining were sold at Rs. 12 each. What will be the percentage profit?**

- (A) 25
- (B) 15
- (C) 13
- (D) 17
- (E) None of these

Ans : (D)

**33. What should come in the place of question mark (?) in the number series given below?**

**25, 34, 52, 79, 115, ?**

- (A) 160
- (B) 140
- (C) 153
- (D) 190
- (E) None of these

Ans : (A)

**34.  $\frac{?}{144} = 49$  /?**

- (A) 95
- (B) 76
- (C) 82
- (D) 84
- (E) None of these

Ans : (D)

**35. The sum of three consecutive even numbers is 252. What is the sum of the smallest and the largest numbers?**

- (A) 158
- (B) 148
- (C) 168
- (D) 198
- (E) None of these

Ans : (C)

**36. Ajay spends 25% of his salary on house rent, 5% on food, 15% on travel, 10% on clothes and the remaining amount of Rs. 27,000 is saved. What is Ajay's income?**

- (A) Rs. 60,000
- (B) Rs. 80,500
- (C) Rs. 60,700
- (D) Rs. 70,500
- (E) None of these

Ans : (A)

**37. In how many different ways, can the letters of the word 'CRISIS' be arranged ?**

- (A) 150
- (B) 240
- (C) 120
- (D) 200
- (E) None of these

Ans : (E)

**38. At each corner of a square park with side equal to 40 m, there is a flower bed in the form of a sector of radius 14 m. What is the area of the remaining part of the park?**

- (A) 984 Square m
- (B) 789 Square m
- (C) 1014 Square m
- (D) 1024 Square m
- (E) None of these

Ans : (A)

**39. The length of a rectangular field is thrice its breadth. If the cost of cultivating the field at Rs. 367.20 per square meter is Rs. 27,540, then what is the perimeter of the rectangle?**

- (A) 47m
- (B) 39m
- (C) 52m
- (D) 40m
- (E) None of these

Ans : (D)

**40. If the fractions  $\frac{8}{5}, \frac{7}{2}, \frac{9}{5}, \frac{5}{4}, \frac{4}{5}$  are arranged in descending order of their values, which one will be fourth?**

- (A)  $\frac{4}{5}$
- (B)  $\frac{5}{4}$
- (C)  $\frac{9}{5}$
- (D)  $\frac{8}{5}$
- (E)  $\frac{7}{2}$

Ans : (B)

**41. The present ages of Chetna and Shikha are in the ratio of 5 : 7 respectively. After 7 years, their ages will be in the ratio of 11:14 respectively. What is the difference between their ages?**

- (A) 9 years
- (B) 4 years
- (C) 5 years

- (D) 7 years
- (E) None of these

Ans : (E)

**42. If 13 men can complete a piece of work in 36 days, then in how many days will 18 men complete the same work?**

- (A) 16 days
- (B) 20 days
- (C) 26 days
- (D) 30 days
- (E) None of these

Ans : (C)

**43. If the area of a circle is 75.44 square cm then what is the circumference of the circle?**

- (A) 29.2 cm
- (B) 28.9 cm
- (C) 30.8 cm
- (D) 40.2 cm
- (E) None of these

Ans : (C)

**44. Girish started a business investing Rs. 45,000. After 3 months, Vijay with Rs. 60,000 and After another 6 months, Ankush with Rs. 90,000 joined him. At the end of the year, they made a profit of Rs. 16,500. What is Girish's share of profit ?**

- (A) Rs. 5,500
- (B) Rs. 6,000
- (C) Rs. 6,600
- (D) As. 5,900
- (E) None of these

Ans : (A)

**45. What is the average age of a family of five members, whose ages are 42, 49, 56, 63 and 35 years respectively?**

- (A) 60 years
- (B) 49 years
- (C) 45 years
- (D) 58 years
- (E) None of these

Ans : (B)

**46. A and B are two taps which can fill a tank in 10 minutes and 20 minutes. However, there is a leakage at the bottom which empty a filled tank in 40 minutes. If the tank is empty initially, how much time will both the taps take to fill the tank?**

- (A) 8 minutes
- (B) 7 minutes
- (C) 10 minutes
- (D) 15 minutes
- (E) None of these

Ans : (A)

**47. What is 50% of 40% of Rs. 3,450?**

- (A) Rs. 690
- (B) As. 520
- (C) Rs. 517.5
- (D) Rs. 499.2
- (E) None of these

Ans : (A)

**48. If an amount of Rs. 5,86,700 is distributed equally amongst 25 persons, then how much would each person get?**

- (A) Rs. 2,54,876
- (B) Rs. 2,34,68
- (C) Rs. 3,74,20

- (D) Rs. 1,95,62
- (E) None of these

Ans : (B)

**49. An urn contains 9 blue, 7 white and 4 black balls. If 2 balls are drawn at random, then what is the probability that only one ball is white?**

- (A)  $71/190$
- (B)  $121/190$
- (C)  $91/190$
- (D)  $93/190$
- (E) None of these

Ans : (E)

**50. If the price of 5 transistors and 2 pen stands is Rs. 810, then what will be the price of 7 transistors and 9 pen stands?**

- (A) Rs. 1,320
- (B) Rs. 1,500
- (C) Rs. 1,150
- (D) Cannot be determined
- (E) None of these

Ans : (D)