

QUANTITATIVE ABILITY*(Answers on page 2)***AVERAGES – 1**

- 1) The average of 24 numbers is zero. At the most, how many can be greater than zero?
a) 12 b) 13 c) 20 d) 23
- 2) The average of 9 numbers is 11. If each of these 9 numbers is multiplied by 5 and then 5 is added to each of these resultant numbers, the new average is:
a) 20 b) 30 c) 60 d) 50
- 3) A photo copy centre has a revenue of Rs. 7432, Rs. 7926, Rs. 7849, Rs. 8260 and Rs. 7583 for 5 consecutive months. What would be the revenue in the sixth month so that the average revenue becomes Rs. 7900?
a) 8350 b) 8348 c) 8252 d) 8360
- 4) The average age of husband, wife and a child 3 years ago were 29. If the average ages of wife and child 5 years ago was 22. The present age of husband is:
a) 54 b) 48 c) 42 d) None of these
- 5) In the first 10 over of a cricket game, only 2.8 was the run rate. What should be the run rate in the remaining 30 over to reach the target of 214 runs?
a) 6.6 b) 6.2 c) 5.8 d) None of these
- 6) A shop owner consumes electricity at Rs. 5.50, Rs. 6 and Rs. 6.5 per unit for three successive years. What approximately is the average cost per unit, if she spends Rs. 3000 each year?
a) 6.05 b) 6.00 c) 6.12 d) 5.97
- 7) The average weight of 8 persons increases by 3.5 kg when a new person comes in replacing a person weighing 60 kg. What might be the weight of the new person?
a) 63.5 b) 68 c) 88 d) 84.5
- 8) The average monthly savings of Ann & Boney is Rs. 5050, Boney & Chandra it is Rs. 6250, and Ann & Chandra is Rs. 5200. The monthly savings of Ann is:
a) 4150 b) 4000 c) 3750 d) 5000
- 9) Of three distinct numbers, which has an average of 90, the first number is one fifth of the sum of other two numbers. What is the number, which is three times that of the first number?
a) 135 b) 72 c) 125 d) 45
- 10) Score of a candidate was entered as 82 instead of 52. As a result, average score of the batch got increased by a quarter of a mark. The total number of candidates in the batch is:
a) 60 b) 7.5 c) 120 d) 30
- 11) A museum has an average of 450 visitors on Sunday and 240 on other days. The average number of visitors per day in the month of September begins with a Saturday is:
a) 273 b) 278 c) 274 d) None of these
- 12) In an examination, the average mark found to be was 50. To correct the computational errors, the marks of 100 candidates changed from 90 to 60 and average mark came down to 45. In total how many candidates appeared for the exam:
a) 300 b) 500 c) 600 d) 150

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Answer Key:

- 1) d (23)
- 2) c (60)
- 3) a (8350)
- 4) c (42)
- 5) b (6.2)
- 6) d (5.97)
- 7) c (88)
- 8) b (4000)
- 9) a (135)
- 10) c (120)
- 11) d (None of these, Actual answer: 275)
- 12) c (600)