

QUANTITATIVE APTITUDE

- number of marks obtained by the 11th candidate is (S.S.C., 2006)
- (a) 0 (b) 45
(c) 47.5 (d) 50
106. The average of 11 numbers is 10.9. If the average of the first six numbers is 10.5 and that of the last six numbers is 11.4, then the middle number is :
(a) 11 (b) 11.3
(c) 11.4 (d) 11.5
107. The average temperature for the first four days of a week is 40.2°C and that of the last four days is 41.3°C . If the average temperature for the whole week is 40.6°C , then the temperature on the fourth day is (M.A.T. 2005)
(a) 40.8°C (b) 41.3°C
(c) 41.8°C (d) 38.5°C
108. The average weight of three boys A, B and C is $54\frac{1}{3}$ kg, while the average weight of three boys B, D and E is 53 kg. What is the average weight of A, B, C, D and E ?
(a) 52.4 kg (b) 53.2 kg
(c) 53.8 kg (d) Data inadequate
(e) None of these
109. The average of the ages of Sumit, Krishna and Rishabh is 43 and the average of the ages of Sumit, Rishabh and Rohit is 49. If Rohit is 54 years old, what is Krishna's age? (S.B.I.P.O., 2008)
(a) 24 years (b) 36 years
(c) 45 years (d) Cannot be determined
(e) None of these
110. The mean temperature of Monday to Wednesday was 37°C and of Tuesday to Thursday was 34°C . If the temperature on Thursday was $\frac{4}{5}$ that of Monday, the temperature on Thursday was (M.B.A. 2006, I.I.C.A.A.O. 2007, P.C.S., 2008)
(a) 34°C (b) 35.5°C
(c) 36°C (d) 36.5°C
111. The average temperature of the town in the first four days of a month was 58 degrees. The average for the second, third, fourth and fifth days was 60 degrees. If the temperatures of the first and fifth days were in the ratio 7 : 8, then what is the temperature on the fifth day? (N.M.A.T., 2003)
(a) 64 degrees (b) 62 degrees
(c) 56 degrees (d) None of these
112. The average weight of A, B and C is 45 kg. If the average weight of A and B be 40 kg and that of B and C be 43 kg, then the weight of B is: (S.S.C., 2004)
(a) 17 kg (b) 20 kg
(c) 26 kg (d) 31 kg