
	Selvam College Of Technology, Namakkal (Autonomous) IT Support & Development Training Programme (ISDTP)		
Worksheet -10(Elementary Statistics)			
Bundle & Subject Name	Intermediate Bundle V2 (2025) – Aptitude (Level-2)	Semester	IV

Answer Key

- The median of the data -3, 4, 0, 4, -2, -5, 1, 7, 10, 5 is _____.
 A) 2
 B) 2.5
 C) 2.75
 D) 3
Ans: B) 2.5
- Find the median of the following distribution: 67, 31, 53, 22, 66, 8, 43, 54, 77, 13, 43, 97, 36, 12, 90, 53.
 A) 53
 B) 56.5
 C) 48
 D) 54.5
Ans: C) 48
- The median of the set of 11 distinct observations is 17.5. If each of the largest 5 observations of the set is increased by 3, then the median of the new set is _____.
 A) Three times the original.
 B) Decreased by 3.
 C) Increased by 3.
 D) Remains the same as the original set.
Ans: D) Remains the same as the original set.
- If the median of the following numbers arranged in ascending order is 2.5. Then, find x value. 0, 0, 1, 1, 2, 2, X, 3, 3, 4, 5, 7.
 A) 2
 B) 1
 C) 3
 D) 0
Ans: C) 3
- What is the mode of the following list of numbers: 2, 4, 5, 6, 5, 4, 3, 5, 3, 1, and 7?
 A) 3
 B) 4
 C) 5
 D) 2
Ans: C) 5

- If the mode of the following data is 11, then find the value of k.
 11, 8, 9, (2k-1), 11, 12, 12, 18, 14, 16
 A) 5
 B) 6
 C) 7
 D) 4
Ans: B) 6
- If the mean and mode of a given data set are 42 and 60, respectively, then find the median.
 A) 50
 B) 44
 C) 48
 D) 46
Ans: C) 48
- In a week, the prices of a bag of tea were Rs 350, Rs 280, Rs 340, Rs 270, Rs 360, Rs 310, and Rs 300. The range is _____.
 A) 100
 B) 80
 C) 70
 D) 90
Ans: D) 90
- Find the range of the data from 1 to 100.
 A) 99
 B) 50
 C) 90
 D) 55
Ans: A) 99
- The following are the marks for students in Mathematics: 50, 53, 50, 51, 48, 93, 90, 92, 91, 90. Find the range of the marks.
 A) 53
 B) 45
 C) 48
 D) 30
Ans: B) 45