

[Time: 2½ Hours]

[Marks: 80]

NB.

1. Attempt any four questions.
2. Figures to the right indicate full marks.
3. Use of simple calculator allowed.

1. Define Positivism. Discuss it as an approach in Quantitative Research. 20
2. Examine in detail Primary and Secondary data; Small and Big data and its relevance in Quantitative Research. 20
3. What is meant by Research Proposal? Elaborate on its significance and steps involved in it. 20
4. Write a detail note on how to write a Research Report and the seriousness required in its presentation. 20
5. Define Sampling. Discuss various types of Non probability sampling. 20
6. Define Questionnaire. Evaluate on the significance of a good Questionnaire in conduction of research. 20
7. a. What are Measures of Central Tendency? Discuss advantages and disadvantages of Mean as a Measure of Central Tendency. (8) 20
b. Find the Median and Mode for the following data. (12)

Class interval	Frequency
0-5	6
5-10	12
10-15	17
15-20	20
20-25	10
25-30	10
30-35	8
35-40	5
40-45	12
Total	N= 100

8. a. What are Measures of Dispersion? Define Quartile Deviation, discuss its advantages and disadvantages. (8) 20
b. Find Quartile Deviation for the following data: (12)

Class interval	Frequency
0-10	5
10-20	8
20-30	10
30-40	12
40-50	10
50-60	08
60-70	07
70-80	10
Total	= 70

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