

**B.A. EXAMINATION, 2025**  
**DEPARTMENT OF SOCIOLOGY**

**2nd Year, 2nd Semester**

**Subject Code : ARTS/SOCI/UG/MAJOR/TH/22/203**

**QUANTITATIVE RESEARCH METHODS**

**Time : Two Hours**

**Full Marks : 30**

Answer *either* in English *or* in Bengali.

**Module - I**

**CO1.** Answer any one question from (CO1)

1. a) What is distinctive about academic social research? 5
- b) What role do concepts and theories play in the process of doing social research? 5

**CO2.** Answer any one question from (CO2)

2. a) Illustrate the different levels of measurement of variables in social statistics with examples. 5
- b) What are the advantages of using sample method over census method? 5

**CO3.** Answer any one question from (CO3)

3. a) What are the epistemological questions at stake in social research? 5
- b) Why is a literature review important when conducting research? 5

**Module - II**

**CO4.** Answer any one question from (CO4)

4. a) What is meant by measures of dispersion? Calculate standard deviation, variance from the frequency distribution scores given below: 7

Class Interval	50-54	55-59	60-64	65-69	70-74	75-79	80-84	85-89
Frequency	2	11	10	12	21	6	9	4

- b) The table below gives the distribution of the marks of 200 pupils in a test. 7

Marks	11-20	21-30	31-40	41-50	51-60	61-70	71-80
Frequency	18	36	34	44	42	16	10

Calculate a. the Mean, b. Median and c. Mode on the data given in question 2.

**CO5.** Answer any one question from (CO5)

5. a) What are the four advantages of using open - ended questionnaire? 4
- b) What are the principle disadvantages of using closed - ended questionnaire? 4

**CO6** Answer any one question from (CO6)

6. a) Describe different types of modal distribution with examples? 4
- b) What are the differences between primary and secondary data? 4

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