

BA EXAMINATION, 2022

2nd Year, 4TH Semester

DEPARTMENT OF SOCIOLOGY

RESEARCH METHODS AND SOCIAL STATISTICS- II

COURSE UG/SOC/CO/4.2

Time: Two Hours

Full Marks: 30

Answer any two questions taking **one** from each module.

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

All questions carry equal marks.

MODULE I

1. What is statistics? Discuss the importance of statistics in Social Research. 5+10= 15
2. Illustrate the different levels of measurement in statistics with examples. 15

MODULE II

1. What is the utility of dispersion? Calculate standard deviation from the frequency distribution scores given below: 5+10= 15

[Turn over

| | | | | | | | | |
|----------------|-------|-------|-------|-------|-------|-------|-------|-------|
| 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 |

2. The table below gives the distribution of the marks of 200 pupils in a test. 15

| | | | | | | | |
|-----------|-------|-------|-------|-------|-------|-------|-------|
| 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.