

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) i) Construct a frequency distribution using the class intervals. (CO5) 2
- ii) Find the cumulative frequencies of the frequency distribution in part (b). 2
- iii) Calculate mean, median and mode from group frequency distribution : 6
- 60, 45, 72, 55, 42, 65, 54, 68, 74, 50, 78, 70, 58, 48, 67, 64, 68, 52, 60, 58, 75, 83
4. Write a short note on any one of the following: (CO6)
- a) Law of statistical regularity 5
- b) Describe different types of modal distribution with examples. 5

BACHELOR OF ARTS EXAMINATION, 2024

(2nd Year, 4th Semester)

DEPARTMENT OF SOCIOLOGY**[Research Methods and Social Statistics - II]**

Time : Two Hours

Full Marks : 30

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

All questions carry equal marks.

Module – IAnswer any **one** of the following questions.

- a) What is statistics? Discuss the importance of statistics in Social Research. 3+7=10 (CO1)

b) Illustrate the different levels of measurement of variables in social statistics. 10 (CO2)
- Write a short note on any **one** of the following: (CO3)

a) Primary data and secondary data. 5

b) Advantages of using sample method over census method. 5

Module – IIAnswer any **one** of the following questions.

- a) What is meant by measures of dispersion? Calculate the standard deviation and variance from the frequency distribution scores given below: 3+7=10 (CO4)

[Turn over