WEST BENGAL STATE UNIVERSITY
B.Sc. Honours 5th Semester Examination, 2020, held in 2021

ARDACOR11T-AGRICULTURE AND RURAL DEVELOPMENT (CC11)

ELEMENTARY STATISTICS

Time Allotted: 2 Hours   Full Marks: 40

The figures in the margin indicate full marks.
Candidates should answer in their own words and adhere to the word limit as practicable.
All symbols are of usual significance.

1.   Answer any *five* questions from the following: 2×5 = 10

   (a) What is Data?

   (b) What is correlation?

   (c) What is cross tabulation?

   (d) What is Focus group discussion?

   (e) Write the importance of data classification.

   (f) What is sampling?

   (g) What are the major parts of a statistical table?

   (h) Distinguish between primary and secondary data.

2.   Answer any *four* questions from the following: 5×4 = 20

   (a) Describe briefly the different sources of secondary data.

   (b) Write short note on different types of correlation.

   (c) Distinguish between interview schedule and questionnaire.

   (d) Write the characteristics of a Normal distribution curve.

   (e) Distinguish between qualitative and quantitative data.

   (f) Write in brief about different data collection techniques.

   (g) What is dispersion? State the importance of dispersion in data analysis.   2+3

3.   Answer any *one* question from the following: 10×1 = 10

   (a) Calculate the mean, median, mode, standard deviation, mean deviation of the   2+7+1
       following data set

       12, 23, 26, 28, 35, 21, 22, 26, 22, 30, 14, 31, 28, 22, 20

(b) Write in brief about different scale of measurement with suitable examples. What are the different scales of measurement? Discuss briefly about each scale of measurement with suitable example. Which scale would be suitable for measuring elevation and sex ratio?

N.B. : *Students have to complete submission of their Answer Scripts through E-mail / Whatsapp to their own respective colleges on the same day / date of examination within 1 hour after end of exam. University / College authorities will not be held responsible for wrong submission (at in proper address). Students are strongly advised not to submit multiple copies of the same answer script.*

——×——