



WEST BENGAL STATE UNIVERSITY
B.Sc. Programme 5th Semester Examination, 2021-22

STSGDSE01T-STATISTICS (DSE1)

RESEARCH METHODOLOGY

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.*

GROUP-A

Answer any four questions from the following

5×4 = 20

1. What are the criteria of good research? 5
2. Explain the difference between Conceptual Research and Empirical Research. 5
3. Explain different scales of measurement in detail. 5
4. What are the advantages of Sampling over Census? 5
5. What are the differences between questionnaire and schedule? 5
6. What are the criteria of selecting appropriate method of data collection? 5

GROUP-B

Answer any two questions from the following

10×2 = 20

7. (a) Explain histogram and bar chart in graphical presentation of data. 5
(b) Explain different measures of location. 5
8. (a) What are the advantages of sampling over census? 5
(b) What are the important concepts of a research design? 5

9. (a) What are the steps of sample design? 5
(b) Describe systematic random sampling in brief. 5
10. Write short notes on interview method and observation method in collection primary data. 10

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.*

—×—