



'সমানো মন্ত্র: সমিতি: সমানী'

UNIVERSITY OF NORTH BENGAL
B.Sc. Programme 5th Semester Examination, 2022

SEC2-P1-STATISTICS
RESEARCH METHODOLOGY

Time Allotted: 2 Hours

Full Marks: 60

The figures in the margin indicate full marks.

GROUP-A

1. Answer any **four** questions from the following: 3×4 = 12
- (a) What are the criteria of good research?
 - (b) What is case study?
 - (c) What is longitudinal research?
 - (d) Describe qualitative and quantitative measures with example.
 - (e) What is research problem?
 - (f) Explain the meaning and significance of a Research design.

GROUP-B

2. Answer any **four** questions from the following: 6×4 = 24
- (a) Discuss interview as a technique of data collection.
 - (b) How does the case study differ from the survey method? Analyse the merits and limitation of case study method.
 - (c) Briefly describe the different steps involved in a research process.
 - (d) What do you mean by research? Explain its significance in modern times.
 - (e) Distinguish between Research methods and Research methodology.
 - (f) Explain different methods of data collection.

GROUP-C

3. Answer any **two** questions from the following: 12×2 = 24
- (a) Clearly explain the difference between collection of data through questionnaires and schedules.
 - (b) Explain processing of data and its significance in research.
 - (c) What do you mean by sampling? What are objectives of sampling? Briefly discuss about the various type of sampling.
 - (d) How does a descriptive type of research design differ from exploratory research design?

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