



UNIVERSITY OF NORTH BENGAL
B.Sc. Programme 5th Semester Examination, 2020

SEC3 (P1)-STATISTICS
RESEARCH METHODOLOGY

Full Marks: 60

*The figures in the margin indicate full marks.
All symbols are of usual significance.*

GROUP-A

Answer any four questions from the following

3×4 = 12

1. What do you mean by ethnographic research?
2. What is the objective of research?
3. What is scientific research?
4. What is longitudinal research?
5. What do you mean by correlation coefficient?
6. What is case study?

GROUP-B

Answer any four questions from the following

6×4 = 24

1. What is research? Discuss the role of research in important areas. 2+4
2. Briefly discuss the qualitative and quantitative research with examples. 6
3. Explain the fundamental research and applied research. 6
4. Discuss about the survey methods of research. 6
5. What are the characteristics of survey and experimental research? 6

6. What are the techniques of data interpretation? 6

GROUP-C

Answer any two questions from the following

12×2 = 24

1. What is action research? Discuss its characteristics? How the action research is conducted? 2+3+7
2. Explain the concept of research design and needs and components of research design. 12
3. What is research proposal? Discuss the steps followed in research proposal. 2+10
4. What do you mean by sampling? What are objectives of sampling? Briefly discuss about the various types of sampling. 3+3+6

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