

M.Sc. (Biotechnology) (CBCS Pattern) Semester-IV
PSBIT-116 - Paper-IV : Research Methodology and Biostatistics

P. Pages : 1

Time : Three Hours



GUG/S/25/11354

Max. Marks : 80

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1. Give the concept of research design. Write different types of research design. 16

OR

Write notes on:

- a) Steps in research process. 8
- b) Pure and applied research. 8

2. Write about different sampling methods in details. 16

OR

Write notes on:

- a) Primary and secondary sources of data. 8
- b) Qualitative and quantitative descriptive research. 8

3. Explain in details about measure of central tendency. 16

OR

Write notes on:

- a) Mean deviation and standard deviation. 8
- b) Types of errors. 8

4. Write in detail about presentation of statistical data. 16

OR

Write notes on:

- a) Chi Square test. 8
- b) Cluster analysis. 8

5. Write short notes on:

- a) Objectives of research. 4
- b) Primary source of data. 4
- c) Probability. 4
- d) Pie charts. 4
