

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

P. Pages : 1

Time : Three Hours



GUG/W/18/11354

Max. Marks : 80

Notes : 1. All questions are compulsory and carry equal marks.

1. Describe in detail how research is designed on the basis of application? **16**

OR

a) Explain objective and motivation of Research in brief. **8**

b) Explain in brief steps involved in research process. **8**

2. Describe in detail exploratory and descriptive design of research on the basis of methodology. **16**

OR

Write note on following.

a) Stratified sampling and data collection. **8**

b) Different types of quantitative field studies. **8**

3. Explain in detail different measures of central tendency. **16**

OR

a) Discuss different methods of sampling with suitable examples. **8**

b) Explain with example standard deviation. **8**

4. Explain different types of charts and diagrams used in research. **16**

OR

Write note on following-

a) Chi square test. **8**

b) Phylogenetic clustering by simple matching coefficient. **8**

5. Write short notes on following.

a) Type of research design. **4**

b) Secondary sources of data. **4**

c) Probability. **4**

d) Correlation and regression. **4**
