

M.Sc. (Botany) (NEP Pattern) Semester-I
NEP-05 / 01MSCB5 - Paper-V - Research Methodology

P. Pages : 1

Time : Three Hours



GUG/S/25/15069

Max. Marks : 80

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- Notes : 1. All questions are compulsory and carry equal marks.
2. Draw diagrams wherever necessary.

1. Define research. Write in details characteristics, objective, types and significance of research. 16

OR

Write notes on:

- a) Problem identification and formulation of research. 8
b) Primary and secondary literature survey. 8

2. What is research design? Write in details concept of research design, types and its importance. 16

OR

Write notes on:

- a) Exploratory research design. 8
b) Qualitative and Quantitative research. 8

3. Describe in details on interpretation of data and paper writing. Add note on ethical issues related to publication. 16

OR

- a) Statistical population. 8
b) ANOVA : One way and two way. 8

4. Describe in details sampling IPR and its types. Add note on copyright in scientific work 16

OR

Write notes on:

- a) Patent in scientific research. 8
b) Plant breeder's rights. 8

5. Write short notes on:
a) Critical literature review. 4
b) Qualitative data. 4
c) Plagiarism. 4
d) Nominal and ordinal. 4
