

M.Sc.(Microbiology) (NEP Pattern) Semester-I
NEP-75 / 01MSCMB09 - Research Methodology

P. Pages : 1

Time : Three Hours



GUG/W/23/15133

Max. Marks : 80

1. Write in detail about cohort study design and multifactorial design. **16**

OR

Write notes on

a) Criteria for good research study. **8**

b) Scientific methods of research. **8**

2. Describe primary data collection methods. **16**

OR

Write notes on

a) Source and formulation of hypothesis **8**

b) Secondary data collection methods. **8**

3. Write in detail about different types of variables. **16**

OR

Write notes on

a) Random sampling. **8**

b) Cluster sampling. **8**

4. Explain the role of computer in research. Write about use of SPSS and GRETL software. **16**

OR

Write note on

a) Design of research paper. **8**

b) Steps in report writing. **8**

5. Write short note on

a) Objectives of research **4**

b) Structure of Hypothesis **4**

c) Sampling frame **4**

d) Patent law **4**
