

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

P. Pages : 1

Time : Three Hours



GUG/W/24/15133

Max. Marks : 80

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1. Enlist the objective of research. Explain the different criteria of good research. **16**

OR

Write notes on:

- a) Case control design. **8**
b) Diagnostic research. **8**

2. Write in detail about methods of data collection. **16**

OR

Write notes on:

- a) Structure of hypothesis. **8**
b) Sources of hypothesis. **8**

3. Write in detail about different types of sampling method. **16**

OR

Write notes on:

- a) Continuous and discontinuous variables. **8**
b) Ecological and stratified pollution in lab. **8**

4. Write in detail about report writing and presentation. **16**

OR

Write notes on:

- a) Experimental data collection method. **8**
b) Design of research paper. **8**

5. Write short notes on:

- a) Case study. **4**
b) Conditions of hypothesis. **4**
c) Sampling frame. **4**
d) IPR. **4**
