

M.Sc. F.Y. (Zoology) (NEP Pattern) Semester-I
NEP-85 / 01MSCZO05 - Research Methodology

P. Pages : 1

Time : Three Hours



GUG/W/23/15151

Max. Marks : 80

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- Notes : 1. All questions are compulsory.
2. All questions carry equal marks.
3. Draw well labelled diagram wherever necessary.

1. Write an account on types of Research. **16**

OR

- a) Explain Literature review.
b) Discuss the selection of journal.

2. Write an account on methods of data collection. **16**

OR

- a) Two tailed hypothesis - sampling & testing.
b) Types of databases.

3. Write an account on Nuclear Magnetic Resonance and its relevance in biological science. **16**

OR

- a) Method and purpose of fluorescence microscopy.
b) Explain Polymerase chain reaction.

4. Write in detail on bioethics and its regulatory frame work in India. **16**

OR

- a) Patent criteria and patenting.
b) Good laboratory practice and purpose of committee.

5. Attempt the following. **16**

- a) Digital library.
b) Biological data.
c) Southern blotting.
d) Guidelines for laboratory animal facility.
