 LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

**M.Sc.** DEGREE EXAMINATION - **ZOOLOGY**

SECOND SEMESTER – APRIL 2011

# ZO 2955 - RESEARCH METHODOLOGY

Date : 11-04-2011 Dept. No. Max. : 100 Marks

Time : 9:00 - 12:00

**Part A (Answer ALL) 10 x 2 = 20 Marks**

1. What is called primary literature?
2. Mention the characteristics of scientific method.
3. What is called survey and inventory?
4. Mention the benefits of questionaires.
5. Differentiate prediction from control.
6. What is called falsifiability of hypothesis?
7. Comment on “Baseline data”.
8. What is called a leading statement?
9. Comment on “Citation index”.
10. Mention the importance of online publication.

**Part B (Answer ANY FOUR) 4 x 10 = 40 Marks**

1. Explain the process involved in revision of draft.
2. Write an account on “Focus of organisation”.
3. Explain the requisites of abstract.
4. Brief the advantages of tabulation and graphical representation.
5. Enumerate points on non-scientific approach.
6. Explain briefly the requisites for hypothesis designing.

**Part C (Answer ANY TWO) 2 x 20 = 40 Marks**

1. Discuss how conception and designing of a research problem is done.
2. Form an essay on scientific writing.
3. Write an essay on literature survey and documentation.
4. What are scientific methods? Explain in detail.

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