



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION - ZOOLOGY

THIRD SEMESTER – NOVEMBER 2013

ZO 3814 - RESEARCH METHODOLOGY

Date : 07/11/2013

Dept. No.

Max. : 100 Marks

Time : 9:00 - 12:00

PART - A

Answer ALL the questions in 50 words each:

[10 X 2 = 20]

1. Distinguish induction from deduction.
2. Define impact factor.
3. Compare primary and secondary source of literature review.
4. State the role of DST and DBT.
5. Expand: WIPO and NBA.
6. Differentiate peer review and current content review.
7. What is online publication?
8. What do you know about Fish bone diagram and Pareto chart?
9. What is standard deviation? State its significance.
10. Distinguish PSPP and SPSS.

PART - B

Answer any FOUR questions in 500 words:

[4 X 10 =40]

11. What are the characteristics and objectives of research?
12. Propose a layout design for an animal house and add a note on animal ethics certification.
13. Draw a research proposal flow chart.
14. Explain the softwares used to create statistical diagrams.
15. How do you propose a hypothesis? What are the characteristics and functions of hypothesis ?
16. Highlight on bibliography softwares and their uses.

PART - C

Answer any TWO questions in 1200 words:

[2 X 20 =40]

17. Explain the steps involved in the collection, assimilation and application of research literatures.
18. Elucidate the protocol for database designing and modelling.
19. How do you format APA style research report?
20. Discuss the fundamental requirements, issues, categories and advantages of patenting.
