



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION - MEDICAL LAB. TECHNOLOGY

SECOND SEMESTER – APRIL 2013

ML 2955 - RESEARCH METHODOLOGY

Date : 02/05/2013

Dept. No.

Max. : 100 Marks

Time : 9:00 - 12:00

SECTION –A

Answer ALL questions

10x2=20 marks

1. Define research.
2. List down different types of classification of data.
3. Mention the uses of scatter diagram.
4. What is historical research?
5. Differentiate frequency curve from frequency polygon.
6. Define patent.
7. Write a note on editing.
8. Mention any four thrust areas in medical research.
9. Comment on impact factor.
10. Expand ICMR, DBT, CSIR and STFW.

SECTION B

Answer any FOUR of the following

4x10=40 marks

11. Describe the significance of research.
12. What are the steps to be taken to make the sample useful and reliable?
13. Define and draw different types of bar diagram.
14. Give an account on the preparation of questionnaire.
15. Explain the sampling and non sampling errors.
16. Elaborate the measurement procedures in research.

SECTION-C

Answer any TWO of the following

2x20=40 marks

17. Discuss the steps involved in research process.
18. Elaborate different methods of data collection
19. Describe the various types of research.
20. Explain the preparation of a project proposal.
