

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI –600 086

(For candidates admitted during the academic year 2008-09)

SUBJECT CODE: BY/PC/RM42

M. Sc. DEGREE EXAMINATION, APRIL 2010

**BIOTECHNOLOGY
FOURTH SEMESTER**

COURSE : MAJOR CORE

PAPER : RESEARCH METHODOLOGY

TIME : 3 HOURS

MAX. MARKS: 100

SECTION – A

ANSWER ALL THE QUESTIONS

(10 x 2 = 20)

1. Continuous and discrete data.
2. Histogram and Pictogram
3. Cumulative frequency curve
4. Pilot study
5. Hypothesis testing
6. Key words
7. Off-line search
8. Biopyracy
9. Gally proof
10. Impact factor

SECTION – B

ANSWER ANY 4 QUESTIONS IN ABOUT 600 WORDS

(4 x 10 = 40)

11. Give the outline for pilot study of a given research project.
12. Briefly explain about writing of a literature review for a journal.
13. Explain data collection and various classifications of data.
14. Bring out the prerequisites for doing research in an Institution.
15. Describe the format for writing a thesis.
16. Elaborate the protocol while writing a research grant support from an agency.

SECTION – C

ANSWER ANY TWO QUESTIONS IN ABOUT 1500 WORDS

(2 x 20 = 40)

17. Explain various forms of data presentation.
18. Give the organization of manuscript writing for a repute journal.
19. Write details on the available software packages for data analysis.
