

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI –600 086
(For candidates admitted during the academic year 2006-07 & thereafter)
SUBJECT CODE: BY/PC/RM42

M. Sc. DEGREE EXAMINATION, APRIL 2009
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. Define Hypothesis testing.
2. What do you mean by concepts of Priori and Aprior?
3. What are Pictograms and cartograms?
4. Differentiate between primary and secondary data.
5. Comment on Plagiarism and Biopyracy.
6. List out the content of a thesis.
7. Give the importance of SPss package.
8. Write about proofreading
9. Define cross – referencing.
10. What is an impact factor of a journal?

SECTION – B

ANSWER ANY 4 QUESTIONS IN ABOUT 600 WORDS **(4 x 10 = 40)**

11. Describe the types and the components of a scientific table.
12. Explain about classification of data with suitable examples.
13. Explain the criteria to choose a research topic in an institution.
14. Describe the Organization of manuscript writing for a reputed scientific journal.
15. Give the details on the software packages for data analysis.
16. Write the procedure for online retrieval of literature.

SECTION – C

ANSWER ANY TWO QUESTIONS IN ABOUT 1500 WORDS **(2 x 20 = 40)**

17. Give the format and details on writing a proposal for grant.
18. Elaborate on experimental design, pilot plan and study for undertaking a research project.
19. Bring out the differences in writing a report and writing a thesis.
