

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI –600 086
(For candidates admitted during the academic year 2015 – 16 & thereafter)

SUBJECT CODE: 15BI/PE/RM14

M. Sc. DEGREE EXAMINATION, APRIL 2017
BIOINFORMATICS
SECOND SEMESTER

COURSE: ELECTIVE

PAPER: RESEARCH METHODOLOGY AND SCIENTIFIC COMMUNICATION

TIME: 3 HOURS

MAX.MARKS: 100

SECTION – A

ANSWER ALL QUESTIONS

(20X1=20 MARKS)

1. Pilot Study
2. Research
3. Citation
4. Review of Literature
5. Bibliography
6. Patent
7. Trade mark
8. Copy rights
9. Plagiarism
10. Abstract
11. Referencing Styles
12. Cross Referencing
13. DOI
14. Research Funding Resources
15. Bioethics
16. IPR
17. Proposal
18. PUBMED
19. Indexing
20. Impact Factor

SECTION – B

ANSWER ANY FOUR QUESTIONS.

(4X10=40 MARKS)

21. Importance of Pilot Study.
22. Different types of Study Design / Research types.
23. Incidence and prevalence.
24. Data Collection.
25. Bibliography.
26. Errors in Scientific Writing.
27. Thesis writing – Explain.

SECTION – C

ANSWER ANY TWO QUESTIONS

(2X20=40 MARKS)

28. The purpose and the Methodology of Paper Critiquing
29. Principle and Practice of Research
30. Importance of Literature Review in directing research
31. The structure and components in writing grant proposals.
