

M.Sc. DEGREE EXAMINATION, NOVEMBER 2017.

THIRD SEMESTER

Genetics and Genomics

Paper IV — BIOSTATS AND COMPUTERS

Time : Three hours

Maximum : 75 marks

(No additional sheet will be supplied)

PART A — (5 × 3 = 15 marks)

Answer any FIVE questions.

Each question carries 3 marks.

Each answer should not exceed 1 page.

1. Standard deviation
2. Skewness.
3. Regression.
4. Null Hypothesis.
5. Importing graphics.
6. Data labels.
7. Viruses.
8. Deleting slides in PPT.

PART B — (4 × 15 = 60 marks)

Answer ALL questions.

Each questions carries 15 marks.

Each answer should not exceed 6 pages.

9. Explain coefficient of Poisson, normal distribution and standard error.

Or

10. What are mean, median and mode and add a note on differences between them?
11. Explain student t-test and its applications.

Or

12. Write about Analysis of variance and its application.

13. Give a detailed procedure to open a file for typing, editing and grammar formatting using MS- Word.

Or

14. Write in detail about various excel formulas and functions.

15. How to create a Power point presentation file? Explain ways of viewing of slides.

Or

16. How to create e-mail? Explain the applications of Internet.

