

25041

M.Sc. DEGREE EXAMINATION, APRIL 2018.

Geology

SECOND SEMESTER

Paper I — STATISTICS AND COMPUTER APPLICATIONS

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. Analysis of one way variance.
2. Data types in Earth Science.
3. Introduction to internet.
4. Operative systems.
5. Data and information.
6. MS Power Point.
7. Physical database design.
8. Computer hardware system.

PART B — (4 × 15 = 60 marks)

Answer ALL questions.

Each question carries 15 marks.

Each answer should not exceed 6 pages.

9. What are various measures of central tendency and dispersion and explain these measures with suitable examples?

Or

10. Write an essay on the application of statistical methods in Earth Sciences.
11. Explain briefly about the development of computers. Add a note on modern computers.

Or

12. Explain the software? Discuss briefly the various applications of software.

13. Explain the important features of MS Excel-Spreadsheets. Add a note on table formatting and graph generation.

Or

14. Explain word processing software and give its various applications.

15. Discuss the basic concepts of data and database management system.

Or

16. Write detailed notes on the RDBMS.

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