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24-GE-24

**M.Sc. II SEMESTER [MAIN/ATKT] EXAMINATION
JUNE - JULY 2024**

GEOLOGY

Paper - IV

[Palaeobiology]

[Max. Marks : 75]

[Time : 3:00 Hrs.]

[Min. Marks : 26]

Note : Candidate should write his/her Roll Number at the prescribed space on the question paper.
Student should not write anything on question paper.
Attempt five questions. Each question carries an internal choice.
Each question carries **15 marks**.

Q. 1 Describe the classification, evolution and geological history of Trilobites. (15 Marks)

OR

Write short note on the following - (15 Marks)

- i) Use of fossils in the study of Paleoclimate.
- ii) Composition and Structure of Graptolites.

Q. 2 Write the classification, evolution and geological history of Brachiopodes. (15 Marks)

OR

Explain the classification, evolution and geological history of Lamelli branches with diagram and examples. (15 Marks)

Q. 3 Describe evolutionary history of Horse with proper diagrams and examples. (15 Marks)

OR

Describe the evolutionary history of the Human. (15 Marks)

Q. 4 What are Micro fossils ? Write the importance and uses of Micro fossils.

OR

Write notes on the following - (15 Marks)

- i) Write notes on the higher forms of foraminifers.
- ii) Geological history and distribution of foraminifers.

Q. 5 Discuss the paleobotany and palynology in detail. (15 Marks)

OR

Describe characteristic features of lower Gondwana flora with diagram and examples (15 Marks)