

M.Sc. I Semester Degree Examination, April/May - 2024

APPLIED GEOLOGY

Stratigraphy and Palaeontology

(NEP)

Time : 3 Hours

Maximum Marks : 70

Note : Answer **any five** of the following questions with question **No.1 Compulsory**, each question carries **equal** marks.

1. Answer the following : 14
 - (a) Define correlation. Explain the physical and palaeontological correlation methods.
 - (b) Discuss the code of stratigraphic nomenclature.
2. Answer the following : 14
 - (a) Describe the principles of stratigraphy.
 - (b) Explain the economic importance of stratigraphy succession and structure.
3. Add a note on : 14
 - (a) Aravalli system of India
 - (b) Deccan traps
4. Answer the following : 14
 - (a) Describe the mode of preservation of fossil.
 - (b) Give a detailed account on trilobites.
5. Write a note on : 14
 - (a) Evolution of man
 - (b) Micropalaeontology
6. Answer the following : 14
 - (a) Describe the elements of Cyclostratigraphy.
 - (b) Give a detailed account on Archean System.
7. Add a note on : 14
 - (a) Ostracods
 - (b) Sargur super group
8. Write a short note on : 14
 - (a) Geological time Scale
 - (b) Sequence Stratigraphy
 - (c) Sandur Schist Belt