



M.Sc. II Semester Degree Examination, October - 2023

APPLIED GEOLOGY

Sedimentary Petrology

(NEP)

Time : 3 Hours

Maximum Marks : 70

Note : Answer **any five** of the following questions, with question no. **1** is **compulsory** each question carries **equal** marks.

1. Explain the following : 14
 - (a) Sedimentary process
 - (b) Classification of sedimentary rocks
2. Add a note on : 14
 - (a) Sedimentology and its measurements of grain size
 - (b) Biological process of the sedimentary rocks
3. Answer the following : 14
 - (a) Tectonics and sedimentation process
 - (b) Sedimentary basins of India
4. Discuss the following : 14
 - (a) Alluvial and Aeolian Sediments
 - (b) Beach and Barrier Islands
5. Write a note on : 14
 - (a) Carbonaceous rocks
 - (b) Origin and diagenesis of Siliciclastic rocks
6. Explain the following : 14
 - (a) Primary structures of sedimentary rocks
 - (b) Framework matrix and cement terrigenous sediments
7. Discuss the following : 14
 - (a) Evaporates and Phosphorites
 - (b) Diagenesis of sediments
8. Write a short note on : 14
 - (a) Scope and applications of sedimentary rocks
 - (b) Limestone and dolomite
 - (c) Breccia and Conglomerates

