

2023
B.A./B.Sc.
Fourth Semester
CORE – 9
GEOLOGY
Course Code: GLC 4.21
(Stratigraphic Principles & Indian Stratigraphy)

Total Mark: 70

Pass Mark: 28

Time: 3 hours

Answer five questions, taking one from each unit.

UNIT-I

1. Write a brief descriptive note on sequence stratigraphy. 14
2. Write notes on any two of the following: 7×2=14
 - (a) Lithostratigraphy
 - (b) Biostratigraphy
 - (c) Chrono-stratigraphy

UNIT-II

3. Discuss briefly about the development of a standardised stratigraphic nomenclature. 14
4. Write notes of the following: 7×2=14
 - (a) International stratigraphic code
 - (b) Stratotypes

UNIT-III

5. Give a brief account on the tectonic subdivisions of India. 14
6. Write notes on any two of the following: 7×2=14
 - (a) Precambrian succession of Dharwar province of Karnataka
 - (b) Singbhum group
 - (c) Aravalli group

UNIT-IV

7. Enumerate the Palaeozoic succession of Kashmir. 14
8. Write notes of the following: 7×2=14
- (a) Triassic of Spiti
 - (b) Cretaceous of Trichinopoly

UNIT-V

9. Explain briefly about the Permian-Triassic boundary in India. 14
10. Write notes of the following: 7×2=14
- (a) K/T boundary in India
 - (b) Sylhet trap
-