

23U523

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Name:

Reg.No:

FIFTH SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2025

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19UGEO5B09 - STRUCTURAL GEOLOGY AND GEOTECTONICS

(Geology - Core Course)

(2019 Admission onwards)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 3

Part A (Short answer questions)

Answer *all* questions. Each question carries 2 marks.

1. Topographic map.
2. Vertical thickness.
3. Deformation.
4. Cylindrical fold.
5. Synformal anticline.
6. Fault gouge.
7. Discontinuous shear zone.
8. Tectonite.
9. Slip lineations.
10. Rifts.
11. Palaeontological Evidences for Continental Drift.
12. Evidences for Sea Floor Spreading.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

Answer *all* questions. Each question carries 5 marks.

13. Dip of a plane.
14. Stages of deformation.
15. Classification of fault in relation with bedding.
16. Geometric classification of joints.

17. Wulffnet.
18. Temperature, pressure and density characteristics of Earth's Interior.
19. Plate Margins.

(Ceiling: 30 Marks)

Part C (Essay questions)

Answer any ***one*** question. The question carries 10 marks.

20. Describe unconformities and types, significance and recognition in the field.
21. Give an account of behavior of seismic waves in different layers of earth's interior.

(1 × 10 = 10 Marks)
