

2m/GEO-150 Syllabus-2023

2026

(May-June)

FYUP : 2nd Semester Examination

GEOGRAPHY

(Minor)

(Introduction to Physical Geography)

(GEO-150)

Credit-4

Marks : 75

Time : 3 hours

The figures in the margin indicate full marks for the questions.

Answer **five** questions by selecting at least **one** from each Unit.

UNIT—I

1. Name the different *eras* of the geological timescale and explain the *periods* under each era. 3+12=15
2. Explain sea-floor spreading. Discuss its relationship with plate-tectonics. Draw diagrams. 4+9+2=15

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(Turn Over)

UNIT—II

3. What is geomorphology? Discuss its historical development. $3+12=15$
4. Define weathering. Give an account on the factors affecting weathering. $2+13=15$

UNIT—III

5. Draw a comprehensive diagram and explain the heat budget of the earth's atmosphere. $3+12=15$
6. (a) Distinguish between frontogenesis and frontolysis.
- (b) With the help of suitable sketches, describe the characteristics of different types of front. $4+(3+8)=15$

UNIT—IV

7. With the help of a sketch map, explain the bottom configuration of the Pacific Ocean. $3+12=15$
8. Explain the concept of a biome. Discuss the characteristics of a tropical forest biome and sub-tropical grassland biome. $5+5+5=15$
