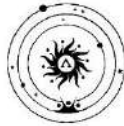


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CourseCode:241PT006



ADITYA UNIVERSITY

B.Tech. – I Semester End Examinations Regular (B.Tech2024)

GEOLOGY & SEDIMENTOLOGY FOR PETROLEUM ENGINEERS (Petroleum Technology)

Time: 3 hours

Max. Marks: 50

Answer ONE question from each unit

All Questions Carry Equal Marks

All parts of the questions must be answered at one place only

UNIT-I

- 1 a Write the origin of earth? L1 CO1 [5M]
b Write the internal structure of earth? L1 CO1 [5M]

(OR)

- 2 a Explain the continental drift? L2 CO1 [5M]
b Explain the plate tectonics? L2 CO1 [5M]

UNIT-II

- 3 a Explain the strike and dip? L2 CO2 [5M]
b Explain the classification of folds? L2 CO2 [5M]

(OR)

- 4 a Describe the different faults? L3 CO2 [5M]
b Describe the unconformities? L3 CO2 [5M]

UNIT-III

- 5 a Explain the origin of igneous rocks? L2 CO3 [5M]
b Explain the origin of sedimentary rocks? L2 CO3 [5M]

(OR)

- 6 a Describe the types of weathering? L3 CO3 [5M]
b Describe the sedimentary structures? L3 CO3 [5M]

UNIT-IV

- 7 a Write the classification of siliciclastic sedimentary rocks? L1 CO4 [5M]
b Write the classification of carbonate rocks? L1 CO4 [5M]

(OR)

- 8 Describe the different types of sedimentary basins and depositional environments? L3 CO4 [10M]

UNIT-V

- 9 Describe the modes of fossil preservation? L3 CO5 [10M]

(OR)

- 10 Describe the uses of fossils in oil exploration? L3 CO5 [10M]
