

2 Hours

Total Marks: 50

Note: -

1. Attempt all questions.
2. Draw neat labeled diagrams wherever necessary.
3. Figures to the right indicate full marks

- Q.1 Answer the following (Any 2 out of 4) 10**
- 1 Explain the parts of our universe in brief.
 - 2 What is prokaryotic cell? Explain their chemical composition.
 - 3 Explain the outline structure of earth.
 - 4 How Did the Universe Begin?
- Q.2 Answer the following (Any 2 out of 4) 10**
- 1 What are affecting factors of wind?
 - 2 Explain the lap's rate, dry adiabatic lapse rate related to our environment
 - 3 What are measurements and observations of wind?
 - 4 Describe structural composition of atmosphere?
- Q.3 Answer the following (Any 2 out of 4) 10**
- 1 What are Tectonic Mountains? Add a note on its classification.
 - 2 Give an account of Structural geology.
 - 3 Give the detail classification of Fold?
 - 4 What is mean by Biogeochemical cycles? Add a note on carbon cycle.
- Q.4 Answer the following (Any 2 out of 4) 10**
- 1 Describe different relief features of earth.
 - 2 Discuss the importance of environmental geology.
 - 3 What is a plateau? Give its classification.
 - 4 What is plain structure? Explain any two types.
- Q.5 Short Notes on (Any 4 out of 8) 10**
1. Evolution of Atmosphere
 2. Core
 3. Gradient wind
 4. Prokaryotic cellular evolution
 5. Causes of Earthquake
 6. Causes of Volcano
 7. Exogenic Process
 8. Classification of mountains