

Registration Number:

Date & session:

**ST JOSEPH’S UNIVERSITY, BENGALURU - 27**

**B.Sc. ENVIRONMENTAL SCIENCE – I SEMESTER**

**SEMESTER EXAMINATION: OCTOBER 2023**

**(Examination conducted in November/December 2023)**

**ES 121: DIVISIONS OF THE ENVIRONMENT**

**(For current batch)**

**Time: 2 Hours Max Marks: 60**

**This paper contains ONE printed page and THREE parts**

***Instruction: Draw diagrams wherever necessary***

**PART – A**

**Answer any SIX of the following 6q X 2m = 12m**

1. List the objectives of environmental education.
2. What is Biosphere?
3. What is normal environmental lapse rate?
4. What is the Earth’s albedo?
5. What is a cloud? Mention any two types of clouds.
6. What is light compensation level?
7. Define a mineral. Cite an example of a rock forming mineral.
8. What is soil profile?

**PART – B**

**Write short notes on any FOUR of the following 4q X 7m = 28m**

1. Depletion and recovery of stratospheric ozone
2. Urban heat islands
3. Acritical rainfall
4. Types of wells
5. Volcanism
6. Soil erosion – types and control

**PART – C**

**Answer ALL the questions 2q X 10m = 20m**

1. Provide an account of the Tropical Monsoon Climate.

**OR**

 Discuss the types of lifting and precipitation.

1. Discuss the causes, effects and management of earthquakes.

**OR**

 Provide a detailed account of intrusive igneous rocks.