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Register Number:

Date:9-10-2022 ( 9am)

**ST. JOSEPH’S UNIVERSITY, BENGALURU – 27**

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

**SEMESTER EXAMINATION: OCTOBER 2022**

**(Examination conducted in December 2022)**

**ES – 121: DIVISIONS OF THE ENVIRONMENT**

**TIME: 2 HOURS MAX MARKS: 50**

**This question paper comprises of 3 parts and one printed side**

**Instruction: Draw diagrams wherever necessary**

**PART – A**

**Answer any FIVE of the following 5q X2m = 10m**

1. Mention the objectives of Environmental Education.
2. List the major gaseous components of the atmosphere.
3. Differentiate weather and climate.
4. Define hydrologic cycle.
5. Differentiate ponds and lakes.
6. What are landslides?
7. Define soil.

**PART – B**

**Write explanatory notes on any FOUR of the following 4q X5m = 20m**

1. Impacts of tropical cyclones
2. Bergeron process
3. Stratification of lentic systems based on light penetration
4. Polymetallic nodules
5. Richter scale
6. Soil profile

**PART – C**

**Answer ALL the questions 2q X10m = 20m**

1. Write elaborate notes on depletion and control measures of stratospheric ozone.

**OR**

With the help of diagrams present the classification of clouds.

1. Provide a detailed classification of lakes.

**OR**

With the help of a diagram, present an account of the internal structure of the earth.