

**20BP26**

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Name: .....

Reg. No: .....

**SECOND YEAR B.P.Ed. DEGREE EXAMINATION, APRIL 2022**

(Regular/Supplementary/Improvement)

**CC15U BPE2 T11 - ENVIRONMENTAL STUDIES**

(2015 Admission onwards)

Time: Three Hours

Maximum: 75 Marks

Answer any *three* questions from **Part –A**.

Any *one* question from **Part-B**. Questions from **Part C** is Compulsory.

**PART A**

1. Explain forest ecosystem.

**(1 × 15 = 15 Marks)**

2. Describe the following:

- a) Desert ecosystem.
- b) Climate change.
- c) Global warming.

**(3 × 5 = 15 Marks)**

3. Briefly explain the following:

- a) Waste water treatment.
- b) Water resources.
- c) Greenhouse gases.

**(3 × 5 = 15 Marks)**

4. Write short notes on:

- a) Ozone depletion.
- b) Energy flow in nature.
- c) Ecological pyramid of number.

**(3 × 5 = 15 Marks)**

5. A. Fill in the following with the correct answer below:

a) Carbon monoxide is one of the ----- pollutants.

a. Air

b. Water

c. Soil

b) International biodiversity day is on -----

a. October 16

b. September 16

c. November 16

c) ----- is one of the aquatic adaptations.

a. Streamlined body

b. Round body

c. Irregular body

d) ----- is an acid rain causing gas.

a. Nitrogen dioxide

b. Sulphur dioxide

c. Carbon dioxide

e) Death rate is -----

a. Mortality

b. Natality

c. None of the above

**(5 × 1 = 5 Marks)**

B. Fill in the blanks:

- a) The atmosphere contains -----% of Carbon dioxide.
- b) The salinity of fresh water is -----
- c) Scarcity of rain is one of the characteristics of ----- ecosystem.
- d) The chemical name of marsh gas is -----
- e) ----- is called the lungs of nature.

**(5 × 1 = 5 Marks)**

C. Expand the following:

- a) WHO
- b) UN
- c) IPCC
- d) UNFCCC
- e) CBD

**(5 × 1 = 5 Marks)**

### **PART B**

6. Explain the necessity of environmental education.

**(1 × 15 = 15 Marks)**

7. Write short notes on:

- a) Water pollution.
- b) Air pollutants.
- c) Nuclear fallout.

**(3 × 5 = 15 Marks)**

### **PART C**

8. Write short notes on any *five* of the following:

- a) Man, wild life conflicts.
- b) Rain water harvesting.
- c) Wet lands.
- d) Inexhaustible resources.
- e) Food chain.
- f) Ecosystem diversity.
- g) Tertiary consumers.
- h) Prairie.

**(5 × 3 = 15 Marks)**

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