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Name:

Reg. No:

SECOND YEAR B.P.Ed. (INTEGRATED) DEGREE EXAMINATION, APRIL 2023

(Regular/Supplementary/Improvement)

CC15U BPE2 T11 / CC19U 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.** Question from **Part – C** is Compulsory.

PART A

1. Explain structure and function of aquatic ecosystem.

(1 × 15 = 15 Marks)

2. Describe the following:

- a) Desert ecosystem.
- b) Climate change.
- c) Threats to biodiversity.

(3 × 5 = 15 Marks)

3. Write short notes on:

- a) Global warming.
- b) Acid rain.
- c) Ozone depletion.

(3 × 5 = 15 Marks)

4. Briefly explain the following:

- a) Green house effect.
- b) Water shed management.
- c) Rain water harvesting.

(3 × 5 = 15 Marks)

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

a) ----- is one of the air pollutants.

- (a. Particulate matter b. Chromium c. Magnesium)

b) International ozone day is on -----

- (a. October 16 b. September 16 c. November 16)

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

- (a. Small leaves b. Succulent leaf c. Serrated leaves)

d) ----- is a cause for global warming.

- (a. Nitrogen b. Carbon dioxide c. Hydrogen)

e) Natality is -----

- (a. birth rate b. Death rate 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) Pine trees are found in ----- forest.
- d) The chemical name of marsh gas is -----
- e) ----- is called the kidney of nature.

(5 × 1 = 5 Marks)

C. Expand the following:

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

(5 × 1 = 5 Marks)

PART B

6. What are resources? Explain natural resources.

(1 × 15 = 15 Marks)

7. Write short notes on:

- a) Water pollution.
- b) Ramsar sites.
- c) Aquatic adaptations.
- d) Nuclear fall out.
- f) Environmental education.

(3 × 5 = 15 Marks)

PART C

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

- a) Sanctuary.
- b) Ecotone.
- c) Population explosion.
- d) Exhaustible resources.
- e) Mangrove ecosystem.
- f) Genetic diversity.
- g) Tertiary consumers.
- h) Savanna.

(5 × 3 = 15 Marks)
