



**MAULANA ABUL KALAM AZAD UNIVERSITY OF
TECHNOLOGY, WEST BENGAL**

Paper Code : BCAN-102

PUID : 01096 (To be mentioned in the main answer script)

ENVIRONMENT STUDIES

Time Allotted : 3 Hours

Full Marks : 70

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

GROUP – A

(Multiple Choice Type Questions)

1. Choose the correct alternatives for any *ten* of the following : 10 × 1 = 10
- i) In an ecotone, the species which become abundant are called
- a) Edge species b) Keystone species
c) Endemic species d) Foster species.
- ii) The largest number of Tiger Reserves are located in
- a) Karnataka b) Andhra Pradesh
c) Madhya Pradesh d) West Bengal.
- iii) The 'thickness' of Stratospheric Ozone layer is measured in/on
- a) Sieverts b) Dobson units
c) Melson units d) Beaufort Scale.

- iv) The Cartagena Protocol is regarding safe use, transfer and handling of
- a) Nuclear waste
 - b) Invasive Alien Species
 - c) Living Modified Organisms (LMOs)
 - d) Toxic bye-products and industrial effluents.
- v) Green Economy is led by
- a) United Nations Environment Programme
 - b) International Hydrological Organization
 - c) Intergovernmental Panel for Climate Change
 - d) European Union.
- vi) Headquarters of Biodiversity International is located at
- a) Rome
 - b) Geneva
 - c) Paris
 - d) Manila.
- vii) Now-a-days Environmental Accounting is making news. What is Environment Accounting ?
- a) It is a method to measure the consumption of the environment / natural resources
 - b) It is a method to statistically analyze the green areas of the country
 - c) It is a method of accounting in which all units are expressed in terms of loss / gain of Carbon Dioxide
 - d) It is a method of accounting in which all measurement is expressed in Carbon Credits.
- viii) In the E-waste generated by the Mobile Phones, which among the following metal is most abundant ?
- a) Copper
 - b) Silver
 - c) Palladium
 - d) Gold.

GROUP - B
(Short Answer Type Questions)

Answer any *three* of the following. $3 \times 5 = 15$

2. Define the term environment.
3. What are the major objectives of environmental education ?
4. Demonstrate Nitrogen cycle.
5. Write a short note on soil erosion.
6. Write a short note on oxidation pond.

GROUP - C
(Long Answer Type Questions)

Answer any *three* of the following. $3 \times 15 = 45$

7. Discuss the methods of solid waste disposal.
8. Discuss the principles of resource recovery from solid waste.
9. What are the causes of ground water pollution ?
10. Classify solid wastes. How are solid wastes collected ?
 $6 + 9$
11. What are the different causes of environmental ground water pollution.

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