



POORNIMA UNIVERSITY, JAIPUR
END SEMESTER EXAMINATION, 2023-2024 EVEN SEMESTER

Write Roll No Below:

BCA (All) I () - II (Main/Back) End Semester Examination,
23BUVCSA2102: Environment & Sustainability

Time: 3 Hours

Total Marks: 60

Min. Passing Marks: 21/24/27

Question Paper ID: 001099

Instructions: Attempt all five questions. There is an internal choice either (a or b) in Q1 to Q5. Marks of each question or its parts are indicated against each question/part. Draw neat sketches wherever necessary to illustrate the answer. Assume missing data suitably (if any) and clearly indicate the same in the answer.

Bloom Level(BL): 1-Remembering, 2-Understanding, 3-Applying, 4-Analysing, 5-Evaluating, 6-Creating

Use of following supporting material is permitted during examination for this subject: Nil

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|---|--------------------|
| Q1. (a) Explain the concept of Sustainable Development? (12 Marks) | Marks BL CO |
| (OR) | 12 1 1 |
| (b) What do you understand by Biodiversity? Explain the types of Biodiversity with examples. (12 Marks) | |
| Q2. (a) Explain: (12 Marks) | Marks BL CO |
| (i)Convention on Biological Diversity (CBD) | 12 2 2 |
| (ii)Montreal Protocol | |
| (OR) | |
| (b) What are the causes of Ozone Layer Depletion? suggest measures to control it. (12 Marks) | |
| Q3. (a) What is Disaster Management cycle? Explain with the help of a diagram. (12 Marks) | Marks BL CO |
| (OR) | 12 3 3 |
| (b) What is Earthquake? How can you measure an Earthquake ? (12 Marks) | |
| Q4. (a) Explain the Paul Elrich theory of population bomb? (12 Marks) | Marks BL CO |
| (OR) | 12 4 4 |
| (b) Explain the impacts of Resettlement and Rehabilitation on human population? (12 Marks) | |
| Q5. (a) Write a short note on your visit to any Biological Park? (12 Marks) | Marks BL CO |
| (OR) | 12 4 5 |
| (b) Write a short note on Sewage Treatment plant (STP) (12 Marks) | |
- ***End of Question Paper*****