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Roll No.

BBA-208/TEV-211/

AECC-211/BCH-101

**B. B. A./B. J. M. C./B. SC. (A & G)/
B. V. A. (SECOND SEMESTER)
END SEMESTER**

EXAMINATION, June, 2023

ENVIRONMENTAL SCIENCE

Time : Three Hours

Maximum Marks : 100

Note : (i) All questions are compulsory.

(ii) Answer any *two* sub-questions among
(a), (b) and (c) in each main question.

(iii) Total marks in each main question are
twenty.

(iv) Each sub-question carries 10 marks.

1. (a) Explain the major component of
ecosystem with suitable flow charts.(CO1)

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- (b) Define the Ecological Pyramids. Explain the pyramid of numbers and pyramids of biomass with suitable diagrams. (CO1)
- (c) Write in detail about the significance of environmental education to the society. (CO1)
- 2. (a) Define the terms, Atmosphere, Habitat, Ecosystem, Biodiversity and Biosphere. (CO2)
- (b) Define the National Parks, Noise Pollution, Pollutant Pollution, and Ecology with suitable examples. (CO2)
- (c) Define the soil. Discuss the soil conservation methods with suitable figures. (CO2)
- 3. (a) Define the solid waste. Explain the Biogas plant and Incineration methods with suitable figures. (CO2)
- (b) Define the water pollution, water pollution sources and water pollution effects with suitable examples and figure. (CO2)

(3)

- (c) Explain the effects of air pollution. Discuss the wet scrubbing unit, cyclone separation unit to control the air pollution with suitable figures. (CO2)
- 4. (a) Write in detail any *five* merits and demerits of Hydropower Dams in Himalayan region. (CO1)
- (b) Define the disaster, types of disaster and discuss the universal prevention methods of any disaster. (CO1)
- (c) Define the acid rain. Discuss the effects on acid rain on human health, vegetation, buildings and aquatic, ecosystem. (CO1)
- 5. (a) Discuss the role of Information Technology for the conservation of Nature/Natural resources. (CO1)
- (b) Write the major points of the Indian Wildlife Protection Act (IWPA 1972). (CO1)
- (c) Discuss on women empowerment and child welfare programmes launched by Government of India. (CO1)