

2023

**BBA(HM) 2nd Semester Examination**

**BBA (Hospital Management)**

**Environmental Studies**

PAPER — AECC - 2

Full Marks : 60

Time : 3 hours

*The figures in the right-hand margin indicate marks.*

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

*Illustrate the answers wherever necessary.*

Answer **all** questions.

1. Answer *any ten* of the following questions :

2×10=20

- (a) Why is field work necessary in environmental studies?

- (b) What are the key components of the coastal ecosystem?
- (c) How can CNG vehicles prevent pollution?
- (d) What are the environmental impacts of population growth?
- (e) Write down the impacts of the Forest Conservation Act on tribal communities.
- (f) What are the key aspects of Kyoto protocol?
- (g) What do you mean by ozone layer depletion?
- (h) Mention two major causes of acid rain.
- (i) What are the impacts of global warming on human health?
- (j) Mention the impacts of nuclear hazards on human health.
- (k) What do you mean by point source of water pollution?
- (l) What do you mean by aesthetic value of ecosystem services?
- (m) Write down the names of endangered and endemic species of India.

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✓(n) Mention the names of two biodiversity hotspots in India.

✓(o) What do you mean by green energy?

2. Answer any four of the following questions :

5×4=20

✓(a) Explain the consequences of soil erosion on agricultural productivity. 5

✓(b) Discuss the importance of joint forest management for reducing deforestation. 5

✓(c) Describe the different ways of groundwater exploitation. 5

(d) Write a short note on *ex-situ* conservation. 5

(e) Describe the processes of industrial waste management. 5

(f) Write a short note on Chipko movement. 5

✓(g) What are the significances of ozone layer? 5

✓(h) Explain the scope of sustainable development. 5

3. Answer any two of the following questions :  
10×2=20

- (a) Explain how energy is transferred between trophic levels and discuss the factors that influence the efficiency of energy transfer in the Grassland ecosystem. 10
- (b) Discuss the causes of noise pollution and mention its biophysical impacts on human health. 10
- (c) Describe the causes and consequences of human-wildlife conflicts in India. 10
- (d) Illustrate the disaster management strategies taken in India with special emphasis on cyclones. 10
- (e) Discuss the causes and preventive measures of air pollution. 10

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