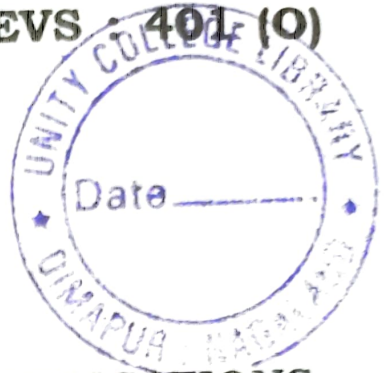


BCA/EVS : 401 (O)

2025

(5th Semester)



BACHELOR OF COMPUTER APPLICATIONS

Paper : EVS : 401 (Old Course)

(**Environmental Studies**)

Full Marks : 70

Pass Marks : 45%

Time : 3 hours

(PART : B—DESCRIPTIVE)

(Marks : 45)

*The figures in the margin indicate full marks
for the questions*

Answer any **three** questions

1. (a) What is environmental studies? Write the scope and importance of environmental studies. 2+4+4=10
- (b) Explain five different types of the ecosystem with suitable examples. 5
2. (a) What is deforestation? Explain the major effects of deforestation. 7

- (b) Explain the following : 4+4=8
- (i) Mining and its effects
 - (ii) Timber extraction
3. (a) Describe the bio-geographical classification of India. 10
- (b) Explain the value of biodiversity. 5
4. (a) What is pollution? Write in detail the causes, effects and control measures of air pollution. 2+8=10
- (b) Write a short note on marine pollution. 5
5. (a) Explain the key government initiatives and policies aimed at promoting women and child welfare in India. 5
- (b) Write short notes on the following : 5+5=10
- (i) HIV
 - (ii) Case studies

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(5th Semester)

BACHELOR OF COMPUTER APPLICATIONS

Paper : EVS : 401 (Old Course)

(**Environmental Studies**)

(PART : A—OBJECTIVE)

(Marks : 25)

The figures in the margin indicate full marks for the questions

I. Put a Tick (✓) mark against the correct answer in the brackets provided : 1×15=15

1. Which gas is primarily responsible for the greenhouse effect?

(a) Oxygen ()

(b) Nitrogen ()

(c) Carbon dioxide ()

(d) Hydrogen ()

2. The layer of the atmosphere that protects us from harmful ultraviolet ray is called

(a) troposphere ()

(b) stratosphere ()

(c) mesosphere ()

(d) ozone layer ()

3. The main cause of acid rain is

(a) carbon dioxide ()

(b) sulfur dioxide and nitrogen oxide ()

(c) methane ()

(d) ozone ()

4. Which of the following is an example of a biodegradable pollutant?

(a) Plastic ()

(b) Glass ()

(c) Food waste ()

(d) Metal ()

5. The Kyoto Protocol is related to

(a) biodiversity conservation ()

(b) climate change mitigation ()

(c) forest management ()

(d) water pollution control ()

6. E-waste mainly consists of

- (a) paper and plastics ()
- (b) electronic equipment () and electrical
- (c) agricultural waste ()
- (d) construction debris ()

7. Which of the following is the largest source of freshwater on earth?

- (a) Rivers ()
- (b) Lakes ()
- (c) Groundwater ()
- (d) Glaciers and ice caps ()

8. What does the term 'biodiversity' refer to?

- (a) Variety of life forms on earth ()
- (b) Types of ecosystems ()
- (c) The number of animals in a forest ()
- (d) The number of plants in a garden ()

9. The process of converting waste materials into reusable materials is called
- (a) landfilling ()
 - (b) recycling ()
 - (c) incineration ()
 - (d) composting ()
10. Which organization is responsible for global environmental issues like climate change?
- (a) WHO ()
 - (b) UNEP ()
 - (c) WTO ()
 - (d) IME ()
11. Which of the following is used to measure air quality?
- (a) pH meter ()
 - (b) Barometer ()
 - (c) AQI (Air Quality Index) ()
 - (d) Thermometer ()

12. Which of the following is not a consequence of global warming?
- (a) Melting of glaciers ()
 - (b) Sea level rise ()
 - (c) Increased biodiversity ()
 - (d) Extreme weather events ()
13. The term 'sustainable development' means
- (a) development without environmental consideration ()
 - (b) development that meets present needs without compromising future generations ()
 - (c) Rapid industrialization ()
 - (d) Urban expansion ()
14. Which type of energy is harnessed from the earth's internal heat?
- (a) Solar energy ()
 - (b) Geothermal energy ()
 - (c) Wind energy ()
 - (d) Hydro energy ()
15. What is the major cause of eutrophication in water bodies?
- (a) High oxygen levels ()
 - (b) Excess nutrients such as nitrogen and phosphorus ()
 - (c) Low temperature ()
 - (d) High water flow ()

II. Answer the following questions in short :

2×5=10

1. Write the role of decomposer in an ecosystem.

2. Differentiate between renewable and non-renewable resources.

3. What is nuclear hazards?

4. Write a note on consumptive use.

5. What do you understand by the term 'human rights'?

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