K26FY0695 Pages: 2 Reg No:.....
Name:.....

Fourth Semester FYUGP Degree Examination APRIL 2026
KU4VACBOT123 - BASICS OF ENVIRONMENTAL SCIENCE

2024 Admission onwards

Time : 1.5 hours Maximum Marks : 50

Section A

Answer any 6 questions. Each carry 2 marks.

1. Name any two natural science branches that contribute to Environmental Science.
2. Name any two disciplines integrated in Environmental Science.
3. Explain the environmental impact of thermal pollution.
4. Identify two industrial sources of pollution.
5. Define an ecosystem.
6. Define biodiversity.
7. Name two major causes of climate change.
8. What is water conservation?

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Section B

Answer any 4 questions. Each carry 6 marks.

9. Explain the concept of energy flow in an ecosystem.
10. Explain the role of producers, consumers, and decomposers in ecosystem functioning.
11. Discuss why conserving biodiversity is important for humans and ecosystems.
12. Explain the preventive measures for desertification.
13. Discuss the causes and effects of water scarcity.
14. Explain rainwater harvesting and its benefits.

Section C

Answer any 1 questions. Each carry 14 marks.

15. Explain the interdisciplinary nature of Environmental Science and its scope.

16. a) Describe industrial, agricultural, and domestic sources of pollution with examples and effects.
    b) Explain the environmental and health impacts of air, water, and soil pollution.

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