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St. Claret College

Autonomous, Bengaluru

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8

UG END SEMESTER EXAMINATION-MAY 2026
BSc / BCOM/BCOM TT/BA- II SEMESTER
ES 224: ENVIRONMENTAL STUDIES

TIME: 1.5 hours **MAX. MARKS: 40**

This paper contains TWO printed pages and THREE parts

Instructions:
1. **Verify and ensure that the question paper is completely printed.**
2. **Any discrepancies or questions about the exam paper must be reported to the COE within 1 hour after the examination.**
3. **Students must check the course title and course code before answering the questions.**

PART-A

Answer all questions. Each answer carries ONE mark **[1 x 10= 10]**

1. There are _____ goals adopted in Sustainable Development Summit
a) 17 b) 30
c) 18 d) 21

2. _____ include soil, pH, topography mineral etc.
a) Climate factor b) Biotic Factor
c) Edaphic factor d) Natural factor

3. What is a key characteristic of renewable natural resources?
a) They cannot be replaced once used b) They are always found in urban areas
c) They are exclusively derived from fossil fuels d) They can be fairly recovered or replaced after utilization

4. Which of the following practices is a significant contributor to desertification?
a) Crop rotation b) Sustainable farming techniques
c) Organic farming d) Overgrazing by livestock.

5. Which greenhouse gas is most prevalent in the atmosphere?
a) Carbon dioxide (CO_2) b) Methane (CH_4)
c) Nitro oxide (N_2O) d) Ozone (O_3)

6. _____ layer of atmosphere contains ozone layer.
a) Lithosphere b) Stratosphere
c) Mesosphere d) Troposphere

7. A landfill refers to disposal of waste materials by _____ the ground.

a) Burial under b) Incinerating
c) Pyrolyzing d) Recycling

8. The Environmental Protection Act, came into force in the year
a) 1988 b) 1986
c) 1987 d) 1980

9. The Bishnoi community in Rajasthan is known for its conservation of which two main aspects of nature?
a) Rivers and crops b) Wildlife and trees
c) Air and water d) Rocks and minerals

10. What was a major environmental benefit of adopting CNG vehicles in Delhi?
a) Reduction in water pollution b) Significant decrease in air pollution levels
c) Decrease in fuel prices d) Increase in greenhouse gas emissions

PART-B

Answer any FOUR questions. Each answer carries FIVE marks. **[5 x 4= 20]**

11. Mention any 5 sustainable development goals with brief explanation.
12. Elaborate biotic and abiotic components of an ecosystem.
13. Write a short note on flood and its causes?
14. Explain acid rain, its causes and impacts.
15. Write a note on Bishnoi movement.
16. What are the management and mitigation methods of landslides?

PART-C

Answer any ONE question. Each answer carries TEN marks. **[10 x 1= 10]**

17. Explain the positive and negative impacts of dam building on environment.
18. Explain air pollution and water pollution in detail.

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