

END TERM EXAMINATION

SECOND SEMESTER [BCA] MAY-JUNE 2025

Paper Code: BCA-192T

Subject: Environmental Studies

Time: 3 Hours

Maximum Marks: 60

Note: Attempt all questions as directed. Internal choice is indicated.

Q1 Explain **any four** from the following in about 100-150 words: (4x5=20)

- (a) UN Earth Summit
- (b) Sustainable Development Goals
- (c) Acid rain
- (d) Kyoto Protocol
- (e) UNFCCC
- (f) Environment Impact Assessment
- (g) E-waste

Q2. Explain scope and importance of environmental studies. Justify that environmental study is a multidisciplinary subject? (10)

OR

Q3. What is global warming? How does it differ from climate change? Explain the causes of global warming. (10)

Q4. Define ecosystem. Explain various components in forest ecosystem. (10)

OR

Q5. Define ecosystem services. Explain with examples, various types of ecosystem services. (10)

Q6. Define biodiversity. What are the various levels of biodiversity? Explain why India is a mega biodiversity nation. (10)

OR

Q7. Explain in details various types of threats to biodiversity in India. (10)

Q8. Classify air pollution. What are various sources of air pollutants? What are the effects of air pollution on human health? (10)

OR

Q9. How do you classify solid wastes? What are the control and treatment measures for solid wastes? (10)

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END TERM EXAMINATION

SECOND SEMESTER [BCA] MAY-JUNE 2025

Paper Code: BCA-110

Subject: Environmental Studies

Time: 3 Hours

Maximum Marks: 60

Note: Attempt all questions as directed. Internal Choice is indicated.

- Q1 Attempt **any Four** of the following questions: (4x5=20)
- (a) Kyoto Protocol
 - (b) Acid Rain
 - (c) Homeostasis
 - (d) Conservation Strategies
 - (e) IUCN Red List
 - (f) Aesthetic Value of Biodiversity
 - (g) Classification of Pollutants (Ecological Perspective)
 - (h) Nuclear Hazard

- Q2 "All fields of academics contribute to Environmental Studies". Explain the same by taking examples from few of the fields like physical sciences, (Physics, Chemistry, Astronomy), Commerce/Economics, Humanities/Social sciences etc. (10)

OR

- Q3 What are the differed components of Atmosphere. Explain them in detail. (10)

- Q4. Define what is an Ecosystem? Elaborate its vital services namely provisioning, cultural, regulating and supporting. (10)

OR

- Q5. What are different Energy Resources? What are the major reasons causing a spurt in Energy demand? Suggest solutions to control this increase in demand. (10)

- Q6. Define Biodiversity and its different levels? Why is India referred to as Mega-Biodiversity Nation. (10)

OR

- Q7. What are the different threats to Biodiversity? Name few campaigns and programs that government or social organizations run to safeguard from these threats. (10)

- Q8. Elaborate upon major Environmental Pollutions by elaborating causes, impact and ways to mitigate them. (10)

OR

- Q9. Write short note on- (10)
- (i) E-Waste
 - (ii) Environmental Impact Assessment

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BCA-110

