

BACHELOR OF COMPUTER APPLICATIONS (BCA_NEW)

BCA_NEW /ASSIGN/SEMESTER-I

ASSIGNMENTS

(July-2025 & January 2026 Sessions)

BEVAE-181, BEGLA-136, BCS-111, BCSL-013, BCS-012



**SCHOOL OF COMPUTER AND INFORMATION SCIENCES
INDIRA GANDHI NATIONAL OPEN UNIVERSITY
MAIDAN GARHI, NEW DELHI – 110 068**

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Important Notes

1. Submit your assignments to the Coordinator of your Study Centre on or before the due date.
2. Assignment submission before due dates is compulsory to become eligible for appearing in corresponding Term End Examinations. For further details, please refer to BCA Programme Guide.
3. To become eligible for appearing the Term End Practical Examination for the lab courses, it is essential to fulfill the minimum attendance requirements as well as submission of assignments (on or before the due date). For further details, please refer to the BCA Programme Guide.

Course Code	:	BEVAE-181
Course Title	:	Environmental Studies
Assignment Number	:	BCA_NEW(I)-181/Assignment/2025-26
Maximum Marks	:	100
Weightage	:	25%
Last Dates for Submission	:	31st October,2025(For July 2025 Session) 30th April, 2026 (For January 2026 Session)

Note: Attempt all questions. The marks for each question are indicated against it.

PART-A

Q1: “To achieve the desired goal of Sustainable Development, societies have to make certain transitions which are very much essential.” Justify the statement in about 250 words **(8 Marks)**

Q2: Differentiate between the following terms by giving suitable examples in about 125 words **(4 x 2= 8 Marks)**

- (a) Primary and secondary succession
- (b) Direct and indirect use value of biodiversity

Q3: Answer the following questions in about 150 words each. **(5 x 4= 20 Marks)**

- (a) What is biodiversity hotspot? Why is India considered as a mega biodiversity hotspot?
- (b) Describe the life forms of aquatic ecosystem found in different zones with suitable examples and diagrams.
- (c) Differentiate between the surface and ground water. Describe the factors responsible for degradation of water.
- (d) Write a short note on carbon cycle with the help of a diagram.

Q4: How does Forest Right Act, 2006 helps tribal and forest dwellers in India? Explain with suitable examples in about 200 words. **(7 Marks)**

Q5: Critically evaluate the status of non-conventional energy resources in India. Elucidate your answer with suitable examples in about 200 words. **(7 Marks)**

PART-B

Q6: Explain the following terms in about 60 words each: **(2x4=8 Marks)**

- (a) Ecofeminism
- (b) Geographical and Social Inequity
- (c) Ozone Layer Depletion
- (d) Acid Rain

Q7: Answer the following questions in about 150 words each. **(5 x 4= 20 Marks)**

- (a) Explain any four impacts of improper waste disposal with suitable examples.

- (b) How does Landfilling act as an important method of waste disposal? Explain.
- (c) Describe the role of Central Pollution Control Board (CPCB) as an institution for monitoring the pollution levels of environment.
- (d) How do collective actions help in addressing environmental issues and concerns? Explain.

Q8: “Habitat destruction is recognized as most significant threat to global biodiversity.” Elucidate the statement with respect to present day context in about 200 words. **(7 Marks)**

Q9: ‘Polluted water is a threat to our health and survival of life forms’ Explain it with respect to different agents of water pollutants in about 200 words. **(7 Marks)**

Q10: “The ratio of those killed to those affected by natural disasters depend on the type of calamity, degree of preparedness and the density of population” Justify the statement with Explain your answer with suitable arguments and examples in about 250 words. **(8 Marks)**