

BACHELOR OF COMPUTER APPLICATIONS (BCA_NEW/BCAOL)

**ASSIGNMENTS OF BCA_NEW/BCAOL
PROGRAMME SEMESTER-I**

(July 2026 & January 2027 Session)

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. BCA_NEW Student need to submit the assignments to the Coordinator of your Study Centre on or before the due date.
2. BCAOL Student need to submit the assignments on LMS Portal on or before the due date.
3. Assignment submission before due dates is compulsory to become eligible for appearing in corresponding Term End Examinations. For further details, please refer to Programme Guide.
4. 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 Programme Guide.
5. The viva voce is compulsory for the assignments. For any course, if a student submitted the assignment and not attended the viva-voce, then the assignment is treated as not successfully completed and would be marked as ZERO.

Course Code	:	BEVAE-181
Course Title	:	Environmental Studies
Assignment Number	:	BCA_NEW/BCAOL(I)181/Assign/2026-27
Maximum Marks	:	100
Last Dates for Submission	:	31st October, 2026 (For July 2026 Session)

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

PART-A

- Q1:** “Sustainable development is an ideal goal towards which all human societies need to be moving”
Justify the statement in about 250 words. **(8 Marks)**
- Q2:** Differentiate between the following terms by giving suitable examples in about 125 words each:
(4 x 2= 8 Marks)
- Genetic and species diversity
 - Use and Non-use values of biodiversity
- Q3:** Answer the following questions in about 150 words each. **(5 x 4= 20 Marks)**
- The importance of Biomass has been increasing day by day in our surroundings among renewable resources. Explain it with suitable examples.
 - What is Disposal of waste? Why segregation of waste is needed?
 - Discuss any five consequences of deforestation with suitable examples.
 - Write a short note on Hydrological cycle with the help of a diagram.
- Q4:** Explain the human-environment relationship by taking examples of biotic and abiotic components?
(7 Marks)
- Q5:** Critically evaluate non-polluting energy systems 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: **(2 x 4 = 8 Marks)**
- Greenhouse Effect
 - Climate Change
 - Agenda 21
 - Environmental Justice
- Q7:** Answer the following questions in about 150 words each. **(5 x 4= 20 Marks)**
- Explain the Importance of Grassland Ecosystem.
 - Define natural calamities and its types with suitable examples.
 - Describe issues emerges in enforcement of national environment legislations.
 - Explain the biocentrism and ecocentrism in context of human’s attitude towards nature.
- Q8:** “Water Harvesting is one of the effective measures to combat drought.” Explain this statement with suitable arguments. **(7 Marks)**
- Q9:** “Protected areas play a very important role in in-situ conservation of species.” Elucidate the statement with respect to present day context in about 200 words. **(7 Marks)**
- Q10:** Differentiate between the primary and secondary pollutants. Explain how these pollutants are harmful for humans and environment in about 250 words. **(8 Marks)**