

**DR. B. R. AMBEDKAR OPEN UNIVERSITY, HYDERABAD**  
**FACULTY OF SCIENCE**  
**DEPARTMENT OF EARTH AND ENVIRONMENTAL SCIENCE**  
**M.Sc. ENVIRONMENTAL SCIENCE -FIRST YEAR (2025-2026)**  
**COURSE – 1: COMPUTER PROGRAMMING**

**ASSIGNMENT – 1**

**Maximum Marks: 15**

**Minimum Marks: 06**

**Instructions to the Candidate:**

- i. Answer all the questions**
- ii. Each question carries 5 marks**

1. Describe the CPU in computers
2. Explain 'C' programme and its uses
3. Explain the if statement with student grades.

**ASSIGNMENT – II**

**Instructions to the Candidate:**

**Maximum Marks: 15**

**Minimum Marks: 06**

- i. Answer all the questions**
- ii. Each question carries 5 marks**

1. Describe arrays of arrays
2. Differentiate between characters and strings
3. Use of computers in environmental science

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**M.Sc. ENVIRONMENTAL SCIENCE -FIRST YEAR (2025-2026)**  
**Course-2:Ecology and Natural Resources Management**

**ASSIGNMENT – 1**

**Maximum Marks: 15**

**Minimum Marks: 06**

**Instructions to the Candidate:**

- i. Answer all the questions**
- ii. Each question carries 5 marks**

1. Explain the types of ecological pyramids
2. Write the causes of deforestation
3. Enumerate the causes of low productivity in Indian agriculture

**ASSIGNMENT – II**

**Instructions to the Candidate:**

**Maximum Marks: 15**

**Minimum Marks: 06**

- i. Answer all the questions**
- ii. Each question carries 5 marks**

1. Write about Earth Summit 1992
2. Describe about In-situ conservation of biodiversity
3. Explain biodiversity and sacred groves

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**M.Sc. ENVIRONMENTAL SCIENCE -FIRST YEAR (2025-2026)**  
**Course-3: Environmental Remote Sensing and GIS**

**ASSIGNMENT – 1**

**Maximum Marks: 15**

**Minimum Marks: 06**

**Instructions to the Candidate:**

- i. Answer all the questions**
- ii. Each question carries 5 marks**

1. What is the reference data in remote sensing?
2. Write a brief note on laws of motion
3. Explain various digital image formats

**ASSIGNMENT – II**

**Instructions to the Candidate:**

**Maximum Marks: 15**

**Minimum Marks: 06**

- i. Answer all the questions**
- ii. Each question carries 5 marks**

1. Describe the Geographic Information Systems in detail
2. Explain Raster-Vector data set integration
3. Explain the role of Remote Sensing in soil moisture studies.

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**M.Sc. ENVIRONMENTAL SCIENCE -FIRST YEAR (2025-2026)**  
**Course -4: Environmental Health and Natural Disasters**

**ASSIGNMENT – 1**

**Maximum Marks: 15**

**Minimum Marks: 06**

**Instructions to the Candidate:**

- i. Answer all the questions**
- ii. Each question carries 5 marks**

1. Sources of Groundwater pollution
2. Describe the impacts of radioactive radiation
3. Write a note on Disinfection

**ASSIGNMENT – II**

**Instructions to the Candidate:**

**Maximum Marks: 15**

**Minimum Marks: 06**

- i. Answer all the questions**
- ii. Each question carries 5 marks**

1. Enumerate the urban and rural water supply problems
2. Write about biological control of mosquito.
3. Explain in general how the landslide occurs.