

Dr.B.R.Ambedkar Open University
Faculty of Science, Department of Geology
M.Sc First Year (Environmental Science)

Course-I Computer Programming
Assignment-1 (2022-2023)

Maximum Marks-15

Minimum Marks-06

Section-A (10marks)

I. Answer any one of the following questions in about 30 lines

1. What are the three major components of a computer? Explain.
2. Describe the Programme development

Section-B (5marks)

II. Answer any one of the following questions in about 10 lines

1. Explain the importance of Software.
2. Describe flow chart representation.

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Course-I Computer Programming
Assignment-2 (2022-2023)

Maximum Marks-15

Minimum Marks-06

Section-A (10marks)

I. Answer any one of the following questions in about 30 lines

1. Describe the memory allocation in C++ Programme
2. Explain the data capture by computers in Environmental sciences.

Section-B (5marks)

II. Answer any one of the following questions in about 10 lines

1. Explain the compilation errors.
2. Explain about array of arrays.

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Course-II Ecology and Natural Resources Management
Assignment-1 (2022-2023)

Maximum Marks-15

Minimum Marks-06

Section-A (10marks)

I. Answer any one of the following questions in about 30 lines

1. Explain about the types of energy resources.
2. Describe the surface water resources of India.

Section-B (5marks)

II. Answer any one of the following questions in about 10 lines

1. What are Heterotrophs? Explain.
2. Explain about the Tropical rain forests.

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Course-II Ecology and Natural Resources Management
Assignment-2 (2022-2023)

Maximum Marks-15

Minimum Marks-06

Section-A (10 marks)

I. Answer any one of the following questions in about 30 lines

1. Write a note on the ecological pyramids.
2. Describe the biodiversity hotspots of India.

Section-B (5 marks)

II. Answer any one of the following questions in about 10 lines

1. Explain about the ecosystem diversity.
2. What is Agro-forestry? Explain.

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Course-III Environmental Remote Sensing and GIS
Assignment-1 (2022-2023)

Maximum Marks-15

Minimum Marks-06

Section-A (10 marks)

I. Answer any one of the following questions in about 30 lines

1. Explain the principle of EM Remote Sensing.
2. What is sensor? Explain various types of sensors onboard satellites.

Section-B (5 marks)

II. Answer any one of the following questions in about 10 lines

1. Write a brief note on laws of conservation of Energy.
2. What are the key components of GIS.

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Course-III Environmental Remote Sensing and GIS
Assignment-2 (2022-2023)

Maximum Marks-15

Minimum Marks-06

Section-A (10 marks)

I. Answer any one of the following questions in about 30 lines

1. Explain geological application of Remote Sensing.
2. Explain the land use/ land cover patterns.

Section-B (5 marks)

II. Answer any one of the following questions in about 10 lines

1. Differentiate between vector and raster data.
2. Describe the uses of GPS.

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Course-IV Environmental Health and Natural Disasters
Assignment-1 (2022-2023)

Maximum Marks-15

Minimum Marks-06

Section-A (10 marks)

I. Answer any one of the following questions in about 30 lines

1. Describe the disease control and prevention measures.
2. Write an essay on health problems caused by Water pollution.

Section-B (5 marks)

II. Answer any one of the following questions in about 10 lines

1. Explain the suitability of water for drinking.
2. Describe the process of solid waste disposal.

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Course-IV Environmental Health and Natural Disasters
Assignment-2 (2022-2023)

Maximum Marks-15

Minimum Marks-06

Section-A (10 marks)

I. Answer any one of the following questions in about 30 lines

1. Write in detail about various occupational health hazards.
2. Describe the causes and controls of the floods and cyclones.

Section-B (5 marks)

II. Answer any one of the following questions in about 10 lines

1. Write about earthquake hazards.
2. Describe about drought and famine.