

**Dr. B. R. Ambedkar Open University
Faculty of Science
Department of Geology**

M. Sc First Year (Environmental Science)

**Course-I Computer Programming
Assignment-1 (2020-2021)**

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 memory of a Computer.
2. Explain the 'C' programme and its uses.

Section-B (5 marks)

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

1. Explain the Documentation.
2. Explain the integer variable.

**Dr. B. R. Ambedkar Open
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Year (Environmental Science)**

**Course-I Computer Programming
Assignment-2 (2020-2021)**

Maximum Marks-15

Minimum Marks-06

Section-A (10 marks)

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

1. Explain in detail about control flow in 'C' programme.
2. Explain the useful properties of functions.

Section-B (5 marks)

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

1. Explain the array.

Dr. B. R. Ambedkar Open University
Faculty of Science
Department of Geology

2. Explain the applications of computers in environmental sciences.

**Dr. B. R. Ambedkar Open University
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**Course-II Ecology and Natural Resources
Management Assignment-1 (2020-2021)**

Maximum Marks-15

Minimum Marks-06

Section-A (10 marks)

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 (5 marks)

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 (2020-2021)**

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 surface water resources 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.

Dr. B. R. Ambedkar Open University
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M. Sc. First Year (Environmental Science)
Course-III Environmental Remote Sensing and
GIS Assignment-1 (2020-2021)

Maximum Marks-15

Minimum Marks-06

Section-A (10 marks)

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

1. What are the basic elements of visual interpretation?
2. Mention the region of EM spectrum useful for remote sensing applications.

Section-B (5 marks)

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

1. Explain various types of drainage patterns.
2. Explain different types of atmospheric scattering.

Dr. B. R. Ambedkar Open University
Faculty of Science, Department of
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Course-III Environmental Remote Sensing and
GIS Assignment-2 (2020-2021)

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 basic concepts of GIS and GPS.
2. Describe briefly about integration of RS and GIS for forest management.

Section-B (5 marks)

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

1. Explain map projection system in Geomatics.

Dr. B. R. Ambedkar Open University
Faculty of Science
Department of Geology

2. Differentiate between spatial and non spatial data.

Dr. B. R. Ambedkar Open University
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Science)

Course-IV Environmental Health and Natural
Disasters Assignment-1 (2020-2021)

Maximum Marks-15

Minimum Marks-06

Section-A (10 marks)

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

1. Define health and disease.
2. Write an essay on the importance of Epidemiology in Health programmes.

Section-B (5 marks)

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

1. Discuss Environment and Health.
2. Sources of Groundwater pollution.

Dr. B. R. Ambedkar Open University
Faculty of Science, Department of
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Course-IV Environmental Health and Natural
Disasters Assignment-2 (2020-2021)

Maximum Marks-15

Minimum Marks-06

Section-A (10 marks)

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

1. What are the occupational hazards related to agriculture.
2. Discuss the damages caused by Radiations at different levels.

Section-B (5 marks)

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

1. How is water purified?
2. Describe the word sanitation.