

Dr. B.R. Ambedkar Open University
Faculty of Science, Department of Geology
M.Sc. First Year (Environmental Science)
Course-I Computer Programming
Assignment-1 (2021-2022)

Maximum Marks-15

Minimum Marks-06

Section-A (10marks)

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

1. Describe about the major components of a computer.
2. Describe the computer software.

Section-B (5marks)

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

1. Describe the Arithmetic and Logic Unit.
2. Write about Programming language generations

Dr. B.R. Ambedkar Open University
Faculty of Science, Department of Geology
M.Sc. First Year (Environmental Science)
Course-I Computer Programming
Assignment-2 (2021-2022)

Maximum Marks-15

Minimum Marks-06

Section-A (10marks)

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

1. Explain classes in C++ with an example of student record.
2. Explain the importance of computer in environmental studies.

Section-B (5marks)

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

1. Describe the arrays of arrays.
2. Explain the uses of computers in water quality studies.

Dr. B.R. Ambedkar Open University
Faculty of Science, Department of Geology
M.Sc. First Year (Environmental Science)
Course-II Ecology and Natural Resources Management
Assignment-1 (2021-2022)

Maximum Marks-15

Minimum Marks-06

Section-A (10marks)

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

1. Describe the types of Ecosystems.
2. Explain the mineral resources and environmental management.

Section-B (5marks)

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

1. Describe briefly about carbon cycle.
2. Explain the types of marine resources.

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Course-II Ecology and Natural Resources Management
Assignment-2 (2021-2022)

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 concepts of biodiversity. What are endangered species?
2. Explain the Environmental Protection Laws in India.

Section-B (5 marks)

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

1. Describe the hotspots of biodiversity in India.
2. Explain the International treaties and Conventions.

Dr. B.R. Ambedkar Open University
Faculty of Science, Department of Geology
M.Sc First Year (Environmental Science)
Course-III Environmental Remote Sensing and GIS
Assignment-1 (2021-2022)

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 electromagnetic remote sensing process.
2. Write briefly about integration of Remote Sensing, Geographic Information systems and GPS for any given application.

Section-B (5 marks)

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

1. Explain the drainage patterns.
2. What are the advantages of digital image analysis?

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Faculty of Science, Department of Geology
M.Sc First Year (Environmental Science)
Course-III Environmental Remote Sensing and GIS
Assignment-2 (2021-2022)

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 land use/ land cover patterns.
2. Explain the role of remote sensing in potential fishing zone identification.

Section-B (5 marks)

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

1. Explain the elements of visual image interpretation.
2. Describe uses of GPS.

Dr.B.R.Ambedkar Open University
Faculty of Science, Department of Geology
M.Sc First Year (Environmental Science)
Course-IV Environmental Health and Natural Disasters
Assignment-1 (2021-2022)

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 Population Growth, Epidemiology and Community health.
2. Write an essay Radiation Hazards and Chemical Hazards.

Section-B (5 marks)

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

1. Explain the Water sanitation.
2. Describe the Vector Control.

Dr.B.R.Ambedkar Open University
Faculty of Science, Department of Geology
M.Sc First Year (Environmental Science)
Course-IV Environmental Health and Natural Disasters
Assignment-2 (2021-2022)

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 Public Health and Environmental Toxicology.
2. Describe the causes and controls Earth quakes and Tsunamis.

Section-B (5 marks)

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

1. Write about Floods and Cyclones.
2. Describe Need and Scope of Environmental education.