

INSTRUCTIONS FOR THE STUDENTS

1. Students should solve the Assignment on A4 Size Paper.
2. Four Questions are to be attempted by selecting one question from each unit. All questions carry equal marks.
3. Students are required to submit the solved Assignment(s) either by post or in person in the Directorate of Distance Education, M.D. University, Rohtak by 28.02.2021.
4. The student should fill his/her particulars in the following format on first page of solved Assignment:

Name of the Programme _____ Nomenclature of the Paper _____

Paper Code: _____ Academic Session _____

Student ID: _____ Name of Student _____

Date of Submission of Solved Assignment _____

Signature of the Student

Paper – Environmental Studies

MM – 20

Attempt any four questions. All questions carry equal marks.

Q1. Attempt any one

- a. Define 'Environmental Studies' and discuss its scope in the current state of affairs of the environment. (5 marks)
- b. Describe the role of public awareness and public participation in environmental conservation. (5 marks)

Q2. a) Attempt any one

- i. What do you understand by a natural resource? Differentiate between renewable and non-renewable resources. (2 marks)
- ii. Discuss the adverse effects of modern agriculture?

b) attempt any two

- I. Differentiate between Land Degradation and Desertification. (1.5 marks)
- II. Differentiate between Afforestation and Deforestation. (1.5 marks)
- III. Differentiate between Renewable Energy sources and Alternative Energy sources. (1.5 marks)

Q3. Write notes on any two. (2.5 marks each)

- a. Energy flow in Ecosystem.
- b. Ecological succession.
- c. Food web.
- d. Detritus food chain.

Q4. Attempt any two (2.5 marks each)

- a. Discuss the major causes and consequences of degeneration of biodiversity.
- b. Define 'Hot Spot' of biodiversity, discuss why we should give top priority for the conservation in these spots?
- c. What is a protected area? Give its different types and discuss their role in biodiversity conservation.

Q5. Attempt any two.

(2.5 marks each)

- a. Discuss the phenomenon of bio-magnification and how it differs from bioaccumulation?
- b. What are persistent pesticides? Discuss the problems associated with their persistent nature.
- c. What is noise pollution? Discuss its causes and consequences.

Q6. Write notes on any two.

(2.5 marks each)

- a. Causes of global warming.
- b. Rain water harvesting.
- c. Ozone layer depletion.

Q7. Attempt any one

- a. Discuss the role of Quarantine, Immunization, Sanitation and hygiene in preventing the outbreak of epidemics. (5 marks)
- b. Discuss the likely impact of Climate change on human health. (5 marks)