



27/12/23

DOON UNIVERSITY, DEHRADUN

End Semester Examination – December 2023

1st Semester

Academic Year 2023-24

School of Environment and Natural Resources

Department of – English, French, German, Japanese, Spanish, Chinese, BBA, BCom, Psychology,

Economics, Media & Communication Studies

Course Code with Title - ~~EES 110~~ Environmental Studies [DUV-100]
100610

Time Allowed - 02:00 Hours

Maximum Marks - 80

SECTION: A

ATTEMPT ALL QUESTIONS (20 Marks)

Q.1. Fill in the Blanks: (5 Marks)

- i. The frozen part of the hydrosphere is known as _____.
- ii. _____ coined the term ecosystem.
- iii. A substance which causes pollution is known as _____.
- iv. The other names for hurricane are _____ and _____.
- v. The IUCN maintains a _____ data book.

Q.2. Multiple Choice Questions: (5 Marks)

- i. The layer of atmosphere known as Valley of Silence is
a. Ionosphere b. Exosphere c. Thermosphere d. Stratosphere
- ii. The inner most part of Lithosphere is
a. Asthenosphere b. Crust c. Core d. Mantle
- iii. The following is a non-renewable source of energy
a. Soil b. Water c. Coal d. Sun
- iv. The organisms that can produce their own food is known as
a. Autotrophs b. Heterotrophs c. Decomposers d. Consumers
- v. The gas released in Bhopal Gas Tragedy was
a. Methyl Isocyanide b. Phosphorus c. Carbon d. Methyl

Q.3. Give the full form of the following abbreviations: (5 Marks)

- i. CBD
- ii. UNEP
- iii. UNFCCC
- iv. SDG
- v. CITES

Q.4. Give the Year of the following; (5 Marks)

- i. Wildlife Protection Act
- ii. Biological Diversity Act
- iii. Environment Protection Act
- iv. Indian Forest Act
- v. Air (Prevention and Control of Pollution) Act

SECTION: B

ATTEMPT ALL QUESTIONS (30 Marks)

Q.1. What is the importance of the following? (5*3 = 15 Marks)

- i. Ramsar Convention
- ii. Vienna Convention
- iii. Montreal Protocol
- iv. Basel Convention
- v. Kyoto Protocol

Q.2. Give ONE name and location of the following. (5*2 = 10 Marks)

- i. Biosphere Reserve in Uttarakhand
- ii. National Park in Uttarakhand
- iii. Wildlife Sanctuary in Uttarakhand
- iv. Ramsar Site in Uttarakhand
- v. Conservation Reserve in Uttarakhand

Q.3. Explain in brief the 'Importance of Environmental Studies'. (5 Marks)

SECTION: C

DO ANY THREE QUESTIONS (30 Marks)

Q.1. Define environmental pollution. Explain the different types of environmental pollution. (10 Marks)

Q.2. Explain the value of biodiversity. What are the threats to biodiversity? (10 Marks)

Q.3. Explain the renewable sources of energy. (10 Marks)

Q.4. Explain the following. Do any two. (5*2 = 10 Marks)

- i. *In situ* conservation of biodiversity
- ii. Biotic components of ecosystem
- iii. Disaster management
- iv. Vertical stratification of atmosphere