

20/5/2024



DOON UNIVERSITY, DEHRADUN

End Semester Examination – May 2024

1st Year - 2nd Semester

Academic Year 2023-24

Department of – Computer Science, Physics, Chemistry, Mathematics, Design, Biological Sciences,
Geography and Geology

Course Code with Title – **DUV-100: Environmental Studies**

Time Allowed - 02:00 Hours

Maximum Marks - 80

SECTION – A (20 Marks)

Q.1. Fill in the Blanks: (6 Marks)

- i. Environment is taken from the French word _____.
- ii. The total amount of water present on the planet is known as _____.
- iii. Sound intensity is measured in _____.
- iv. Diagrammatic representation of a food chain is known as _____.
- v. The most important indoor air pollutant is _____.
- vi. There are _____ Sustainable Development Goals.

Q.2. Match the Column: (4 Marks)

S.No	Column A	Column B
i.	Indian Forest Act	1986
ii.	Forest Conservation Act	1972
iii.	Wildlife Protection Act	2010
iv.	Biological Diversity Act	1974
v.	Environment Protection Act	1927
vi.	National Green Tribunal Act	1980
vii.	Water (Prevention & Control of Pollution) Act	1981
viii.	Air (Prevention & Control of Pollution) Act	2002

Q.3. Give the full form of the following abbreviations: (6 Marks)

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

Q.4. What is the importance of the following: (4 Marks)

- i. Ramsar Convention
- ii. Vienna Convention
- iii. Montreal Protocol

- iv. Basel Convention

SECTION – B (30 Marks)

Q.1. Define the following – DO ANY FIVE (2 marks each = 10 Marks)

- i. Environment
- ii. Ecosystem
- iii. Biodiversity
- iv. Food Chain
- v. Disaster
- vi. Noise
- vii. Acid Rain
- viii. Biomagnification

Q.2. Draw a well labelled diagram of – DO ANY ONE (5 Marks)

- i. Vertical Stratification of Atmosphere
- OR**
- ii. Interior of the Earth

Q.3. Give ONE example of the following: (5 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.4. Name the following: (2 marks each = 10 Marks)

- i. Types of Ecosystem
- ii. Levels of Biodiversity
- iii. Biodiversity Hotspots in India
- iv. Man-made Disaster
- v. Segments of Environment

SECTION – C (30 Marks)

Q.1. Differentiate between the following, with examples – DO ANY TWO (7.5 marks each = 15 Marks)

- i. Biotic and Abiotic Components of Ecosystem
- ii. Renewable and Non-Renewable Energy
- iii. In-situ and Ex-situ Conservation

Q.2. Explain the following in detail, with examples – DO ANY TWO (7.5 marks each = 15 Marks)

- i. Values of Biodiversity
- ii. Climate Change and its consequences
- iii. Environmental Pollution and what can you do as an individual to combat it