

# POSSESSION OF MOBILES IN EXAM IS UFM PRACTICE.

Name Deva

Enrollment No. 37

Jaypee Institute of Information Technology, Noida

End Term Exam Examination, Even 2024  
B. Tech 3rd, 4<sup>th</sup> & 6<sup>th</sup> Semester

Course Title: Environmental Studies  
Course Code: 19B13BT211

Maximum Time: 2 Hrs  
Maximum Marks: 40

CO1	Explain diversity of environment, ecosystem resources, resource mismanagement and measures for conservation
CO2	Identify hazards related to environmental pollution, associated laws, policies and safe practices
CO3	Apply modern techniques for sustainable planning to meet sustainable development goals (SDGs)
CO4	Survey regional environmental issues, examine risks involved and make a field report and present the findings

Note: Attempt all the questions.

## SECTION-A

[CO1(Understanding), 2x5= 10 marks]

Q1. Write short notes:

- ☒ A. Food chain
- ☒ B. Composting
- ☒ C. *In situ* and *ex situ* bioremediation
- ☒ D. Medicinal values of biodiversity
- ☒ E. Importance of study of environmental studies

## SECTION-B

Q2. Apply municipal sewage water treatment method to facilitate achievement of sustainable environmental goals. Give schematic representation of the same. [CO3(Applying), 5 marks]

Q3. Discuss the use of catalytic converter in controlling vehicular pollution. Explain the principle, design and working of catalytic converter with the help of a diagram. [CO3(Applying), 5 marks]

Q4. Analyse how government plan can help to achieve sustainable developmental goals related to clean water and sanitation. Justify your answer with respect to major water pollution causes and governmental plans promoting cleaning of rivers. [CO4(Analyzing), 5 marks]

Q5. Correlate ELR and ALR for dispersion of air pollutants. Provide a relevant case study citing role of various atmospheric phenomena impacting public health. [CO2(Applying), 5 marks]

Q6. What facts would you select to show that the E-waste and hazardous chemical accumulation in the ecosystem leads to severe health impacts. Support the same citing a case study. [CO2(Applying), 5 marks]

Q7. How would disaster management cycle help in mitigating the impact of disaster? What would be the strategy to combat natural disaster? Explain giving any suitable example. [CO3(Applying), 5 marks]