POSSESION OF MOBILES IN EXAM IS UFM PRACTICE.

Name.................. Deva

Enrollment No.........37..........____

Jaypee Institute of Information Technology, Noida

Mid-Sem Examination, Even Sem 2024
BTech. 3rd, 4th, 6th Semester

Course Title: Environmental Studies
Course Code: 19B13BT211

Maximum Time: 1 Hour
Maximum Marks : 30 Marks

At the completion of the course, students will be able to:

CO1	Explain diversity of environment, ecosystem resources, resource mismanagement and measures for conservation	Understand Level (C2)
CO2	Identify hazards related to environmental pollution, associated laws, policies and safe practices	Apply level (C3)
CO3	Apply modern techniques for sustainable planning to meet sustainable development goals (SDGs)	Apply level (C3)
CO4	Survey regional environmental issues, examine risks involved and make a field report and present the findings	Analyze level (C4)

Note: All the questions are compulsory.

SECTION 1
Each question carries 4 marks

4*3= 12 Marks

Q1 Discuss how mining and deforestation are related to imbalance in the forest ecosystem? Explain the process with the of a suitable case study. — **CO2 (Apply level)**

Q2 Despite being non-polluting renewable source of energy, building of large dams are becoming major source of unrest and leading to water wars gathering public opposition. Support above statement citing one national or International case study — **CO3 (Apply level)**

Q3 Identify the facts to relate that "India is a megadiverse nation". Provide a detailed account on the various threats to Biodiversity and HIPPO dilemma — **CO1 (Understand level)**

SECTION 2

6*3 =18 Marks
CO1(Understand level)

Q4

Differentiate between following

   i. Fundamental Niche and Realized Niche with related examples
   ii. Ecosystem and Ecotone
   iii. Bioaccumulation and Biomagnification
   iv. Advantages and disadvantages of renewable and non-renewable energy resources
   v. Endemic and Endangered species
   vi. *In-situ* conservation and *Ex-situ* conservation of plants and animals