

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -I EXAMINATIONS-2022

B.Tech-IV Semester (BT)

COURSE CODE (CREDITS): 10B11GE411 (3)

MAX. MARKS: 15

COURSE NAME: Environmental Studies

COURSE INSTRUCTORS: Dr. Poonam Sharma

MAX. TIME: 1 Hour

---

*Note: All questions are compulsory. Marks are indicated against each question in square brackets.*

---

- Q1(a). Explain Lindeman's ten percent law for energy flow. 1[COI]
- (b). Why parabolic dishes and troughs are used in solar power plants? 1[COII]
- (c). Why Kyoto protocol is important? 1[COI]
- Q2(a). How geothermal energy originates from earth? Explain the set up of geothermal power plant. 2[COII]
- (b). Enumerate the threats to various biomes. 2[COI]
- Q3(a). Setting up of small wind turbines depends upon certain conditions. Explain. 2[COII]
- (b). Elucidate the concept of "Ecomark scheme". 2[COI]
- Q4. Differentiate between 4[COI,III]
- (a). Biodiesel and Biodiesel blend
- (b). Anthroposphere and Aesthenosphere