

**JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT**  
**TEST -2 EXAMINATION (April- 2019)**  
**B. Tech. (IV- SEM.) (All Branches)**

COURSE CODE: 10B11GE411  
COURSE NAME: Environmental Studies  
COURSE CREDIT: 3

MAX. MARKS: 25

MAX. TIME: 1Hr 30 Min

*Note: Attempt all Questions.*

- Q1(a). Describe various steps to conserve the Biodiversity with examples? 2[COIV]  
(b). Explain the "carbon concept" according to "Pavan Sukhdev." 2[COIV]  
Q2(a). Elucidate how "Toyota Prius" fulfills the total life cycle assessment? 2[COV]  
(b) Discuss various steps in preparing a EIA report? 2[COV]  
Q3(a). Why CO<sub>2</sub> is considered as a greenhouse gas not Argon? 2[COIII]  
(b). Elucidate the complete process of e-waste management? 2[COIII]  
Q4(a). Explain various principles of Green Chemistry with example? 3[COV]  
(b). How sewage water is treated in JUIT campus? Explain with the help of a diagram. 3[COVI]  
Q5. Discuss the core parameters to be analyzed for water quality assessment. 3[COV]  
Q6. Distinguish between 4[2 each] [COV]  
(a) Extirpation and Extinction  
(b) Deposition monitoring and Upper air monitoring