

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATIONS-2022

B.Tech-8th Semester

COURSE CODE: 18B1WCE834

MAX. MARKS: 25

COURSE NAME: Sustainable Development

COURSE CREDITS:3

MAX. TIME: 1 Hour 30 Min

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

- Q1. Define the following: (1.5 Marks)
a) In bound Logistics b) Out bound Logistics c) Reverse Logistics
- Q.2 Briefly describe the various risks to green supply chain management (1.5 Marks)
- Q.3 Explain the basic principles of carbon trading? (1.5 Marks)
- Q.4 Differentiate between Cradle-to-Cradle approach and Cradle to grave approach in Supply Chain Management? (1.5 Marks)
- Q.5.1 Define the following terms in terms of Life Cycle Assessment: - (1+1Marks)
a) Functional Unit b) System Boundary
- Q.5.2 What will be the functional unit of comparing a ball point pen and an ink pen? (1 Marks)
- Q.6) Explain in detail the general methodology adopted for conducting Life Cycle assessment of a product? (4 Marks)
- Q.7 What are the various benefits of ISO 14001 certification? (2.5 Marks)
- Q.8 What is the relation between ISO certifications and Sustainable development goals? (1.5 Marks)
- Q.9 Explain the importance of the process of EIA before the execution of a project? List down the various phases of EIA study. (2+1 Marks)
- Q.10. Compare the process of Environment Impact Assessment in developed countries and India based on following parameters: (3 Marks)
a. EIA Legislation b. Public and Government Involvement
c. Process of screening d. Process of Scoping
- Q.11 What is the difference between Category A and B1, B2 projects as per Draft EIA notification of 2020. Also explain the risks and benefits attached with categorization of category B projects in B1 and B2? (2 Marks)