

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION- 2025

B.Tech- VII Semester (CE)

COURSE CODE (CREDITS): 18B1WCE732 (3)

MAX. MARKS: 15

COURSE NAME: Environmental Management and Impact Assessment

COURSE INSTRUCTORS: Dr. Rishi Rana Kalia

MAX. TIME: 1 Hour

Note: (a) All questions are compulsory.

(b) The candidate is allowed to make Suitable numeric assumptions wherever required for solving problems

Q.No	Question	CO	Marks
Q1	Explain the importance of baseline data collection in EIA methodologies. What are the common challenges?	CO-1	3 Marks
Q2	Define EIA. Critically analyze its objectives, scope, and limitations?	CO-1	4 Marks
Q3.	Describe the various methodologies used in EIA. Compare ad hoc methods, checklists, matrices, and networks with their advantages and disadvantages.	CO-2	4 Marks
Q4.	What is the role of rapid EIA vs comprehensive EIA in project planning? Give examples	CO-2	1.5 Marks
Q5	Describe the legal and policy framework of EIA in India, highlighting the role of the Environment Protection Act (1986).	CO-1	2.5 Marks