

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -3 EXAMINATION- 2025

B.Tech- I-Sem (BCA)

COURSE CODE (CREDITS): 25B11GE111(2)

MAX. MARKS: 35

COURSE NAME: ENVIRONMENTAL SCIENCE

COURSE INSTRUCTORS: Dr. Poonam

MAX. TIME: 2 Hours

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(a)	Explain the rating points for LEED certification of green buildings.	CO-II	2
(b)	Why there is no water scarcity "The Miracle water village"?	CO-II	3
Q2(a)	Discuss one case study of "the slow poisoning of India".	CO-III	3
(b)	Why Bhutan is considered as first carbon negative country	CO-V	3
Q3(a)	What are the different legislations enacted in India for environmental protection? How it was started?	CO-V	3
(b)	Explain how the ecofriendly organic burial pods will turn us into trees according to "Capsula Mundi".	CO-IV	3
Q4(a)	Green buildings are eco-friendly structures based on certain factors. Justify.	CO-VI	3
(b)	Hazard has the potential that lead to disaster. Justify this statement by mentioning different types of hazards.	CO-VI	3
Q5(a)	What are the different methods for reclaiming wastelands?	CO-IV	3
(b)	Explain the stages of the disaster management cycle.	CO-III	3
Q6(a)	How ecotourism can be considered as a subset of sustainable tourism and nature tourism. Elaborate by mentioning principles of ecotourism.	CO-III	3
(b)	Elaborate multidisciplinary nature of Environmental Science	CO-I	3