

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATION- 2025

B.Tech-IIIrd Sem (ECE/ BT)/Ist Sem BCA

COURSE CODE (CREDITS): 25B11GE111(2)

MAX. MARKS: 25

COURSE NAME: ENVIRONMENTAL SCIENCE

COURSE INSTRUCTORS: DR. POONAM

MAX. TIME: 1 Hour 30 Min

Note: (a) All questions are compulsory.

Q.No	Question	CO	Marks
Q1(a)	Explain the correct air-fuel ratio.	CO-1	1
(b)	Describe how the sustainability can be achieved in the production of chemicals by the "Green chemical principles."	CO-5	2
(c)	Explain different methods being used by farmers to promote organic farming according to "Slow poisoning of India" documentary.	CO-2	2
Q2(a)	How ecotourism can be considered as a subset of sustainable tourism and nature tourism. Elaborate by mentioning principles of ecotourism	CO-3	3
(b)	What are the conservation strategies to be followed to get healthy biodiversity?	CO-4	2
Q3(a)	Differentiate between primary standards and Secondary standards for air quality	CO-3	2
(b)	Discuss major water quality issues for surface water and ground water	CO-3	2
Q4(a)	Elaborate two instruments for water quality monitoring.	CO-2	3
(b)	Currently Earth is undergoing its sixth mass extinction. Justify	CO-4	3
Q5(a)	Discuss different types of monitoring techniques for air quality.	CO-2	3
(b)	Mention five ecotourism destinations in India.	CO-5	2