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JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -3 EXAMINATIONS- 2026

BBA-2nd Semester

COURSE CODE (CREDITS): 25B11GE111 (2)

MAX MARKS: 35

COURSE NAME: Environmental Science

COURSE INSTRUCTOR: Dr. Rishi Rana Kalia

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

(c) Use of calculator is not allowed

Q.No	Question	CO	Marks
Q1	Elaborate the treatment process of sewage treatment plant in JUIT? Draw neat and labeled diagram of all the units?	C0-6	10 Marks
Q2	Write in detail about the multi-disciplinary nature of environmental science?	C0-1	6 Marks
Q3	What is water Pollution? Differentiate between the points and diffuses sources of water pollution? Justify the need for wastewater treatment. Briefly outline the different steps of wastewater treatment.	C0-5	8 Marks
Q4	Explain in detail with diagram sulfur and phosphorous cycles?	C0-3	3 Marks
Q5	What are green technologies? Provide a detailed explanation of any two such technologies, highlighting how they contribute to sustainable development.	C0-2	4 Marks
Q6	Critically analyze the causes, consequences, and long-term environmental and health impacts of the Bhopal Gas Tragedy, and evaluate how this incident underscores the urgent need for adopting principles of sustainable development in industrial planning and policy.	C0-4	4 Marks