

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION- 2024

B.Tech-VIII Semester

COURSE CODE (CREDITS): 18B1WCE834 (3)

MAX. MARKS: 15

COURSE NAME: SUSTAINABLE DEVELOPMENT

COURSE INSTRUCTORS: AKASH BHARDWAJ

MAX. TIME: 1 Hour

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*Note: (a) All questions are compulsory.*

*(b) Marks are indicated against each question in square brackets.*

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

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- Q1. What is sustainability, and why is it important? How does sustainability relate to environmental conservation? [2 marks, CO 1]
- Q2. What are the various pillars of sustainability? Explain atleast two key aspects of sustainability for each of them. [4 marks, CO 1]
- Q3. Define Sustainable yield. Explain the role of 3R concept in achieving the sustainable development. [3 marks, CO 2]
- Q4. List various anthropogenic activities responsible for environmental degradation. Explain how we as a society effectively mitigate their impact to safeguard the planet's ecosystems? [3 marks, CO 2]
- Q5. Explain when and why Environment protection act comes into existence. Enlist the objectives and chapters of this act. [3 marks, CO 2]

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