

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT
TEST -2 EXAMINATIONS- 2023

PhD -I Semester

COURSE CODE (CREDITS): 14M31CE114 (3)

MAX. MARKS: 25

COURSE NAME: EIA and Risk Management

COURSE INSTRUCTORS: Dr. Rishi Rana Kalia

MAX. TIME: 1 Hour 30 Minutes

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

- Q.1 What are fault tree and event tree analysis? [2 Marks] (CO-1)
- Q.2 What is environmental impact assessment? Describe the merits and demerits? [2 Marks] (CO-1)
- Q.3 Discuss the various human activities that generate emissions? [2 Marks] (CO-2)
- Q.4 What do you understand by Environmental Accounting? Discuss with examples? [5 Marks] (CO-3)
- Q.5 What is the status of Environmental Impact Assessment in India? [4 Marks] (CO-4)
- Q.6 Explain the Environmental Effect of Mining and its assessment process? [4 Marks] (CO-2& 3)
- Q.7 Determine the volume of 3 mol of stack gas at 1400 mmHg and 1000°C. [3 Marks] (C0-2 &1)
- Q.8 Calculate the sound pressure level of the sources emanating the sound at every 10 minutes intervals as give in the following data- [3 Marks] (CO-3&4)

Time	dB
90	118
100	120
110	129
120	140
130	165
140	170
150	185
160	186
170	190
180	200