

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATION- 2025

M.Tech-I Semester (CM-CE)

COURSE CODE (CREDITS): 10M11CE114

MAX. MARKS: 25

COURSE NAME: Construction Safety and Health

COURSE INSTRUCTORS: Dr. Amardeep

MAX. TIME: 1:30 Hour

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	Discuss the roles and responsibilities of key personnel management, safety officers, and workers in establishing and maintaining a strong safety culture on a construction project.	NA	05
Q2	What are the primary duties and responsibilities of a site supervisor concerning construction safety management?	NA	05
Q3.	A construction worker falls from a height of 8 feet while installing scaffolding and sustains minor injuries. - Describe the immediate steps the site supervisor should take following the incident. - Outline the process for investigating this incident, focusing on finding the root cause rather than assigning blame. Recommend preventative measures to ensure a similar incident does not occur again.	NA	05
Q4.	Discuss in details about the risk associated with excavation and trenching safety. What measures should be taken to overcome these risks?	NA	05
Q5	Discuss the safety measures while doing construction work in high rise building.	NA	05
Q6	Discuss the roles and responsibilities of key personnel management, safety officers, and workers in establishing and maintaining a strong safety culture on a construction project.	NA	05