

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION- 2025

B.Tech-VIII Semester (ECE Open Elective)

COURSE CODE (CREDITS): 18B1WEC843 (3)

MAX. MARKS: 15

COURSE NAME: Industrial Internet of Things

COURSE INSTRUCTORS: Munish Sood

MAX. TIME: 1 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	Write short notes on the following a) Real Time Location System b) Agriculture applications of IoT c) Smart metering and monitoring	1	6
Q2	What are connected roadways ? Explain in detail about IoT enabled cars.	1	2
Q3	What are the main challenges faced by the manufacturing industry? What is a connected factory ? How is IoT providing a connected factory solution to the manufacturing industry?	2	3
Q4	What is IoT ? What are the four main components of IoT ? Explain in detail about emerging IoT applications.	1	4