

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATION- 2024

B.Tech-VII Semester (ECE)

COURSE CODE (CREDITS): 18B1WEC747(3)

MAX. MARKS: 25

COURSE NAME: Internet of Things

COURSE INSTRUCTORS: Munish Sood

MAX. TIME: 1 Hour 30 Minutes

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	What is IoT ? What are the four main components of IoT ? Explain in detail about emerging IoT applications.	1	5
Q2	What is convergence of Information technology and Operation technology ? Explain with the help of examples.	2	5
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	5
Q4	What are the different emerging IoT applications ? Explain in detail about urban agriculture and food safety using IoT.	1	4
Q5	Write short notes on the following a) Real Time Location System b) Smart connected buildings c) Smart creatures	2	6