JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -3 EXAMINATION- 2025

BCA-I Semester

COURSE CODE (CREDITS): 25BC1CI113   MAX. MARKS: 35

COURSE NAME: DIGITAL TECHNOLOGIES

COURSE INSTRUCTORS:SRT   MAX. TIME: 2 Hours

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.	Explain the concept of cloud computing along with its types?	CO-2	5
Q2.	Highlight the differences between fog and edge computing?	CO-2	5
Q3.	Define Machine Learning? Explain the different categories of Machine Learning in detail?	CO-2	5
Q4.	Define an operating system? Explain the different types of operating systems?	CO-2	5
Q5.	Explain the concept of IoT. Highlight the differences between an actuator and sensors?	CO-2	5
Q6.	Explain Augmented Reality, its working, and its applications.	CO-2	5
Q7.	Explain the concept of Virtual Reality? Explain the different types of VR?	CO-2	5