

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATION- 2025

BCA -I Semester

COURSE CODE (CREDITS): 25BC1CI113

MAX. MARKS: 25

COURSE NAME: DIGITAL TECHNOLOGIES

COURSE INSTRUCTORS:SRT

MAX. TIME: 1 Hour 30 Min

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 following terms with respect to Machine Learning. a. Unit of observation b. Examples and Features c. Discriminant d. Input representation e. Classification	CO-2	5
Q2.	Explain the different categories of Machine Learning in detail?	CO-2	5
Q3.	Explain in detail software quality metrics along with the steps involved in software development lifecycle?	CO-2	5
Q4.	Explain the following terms with respect to Artificial Intelligence -- a. Total Turing Test b. Agent c. Rational agent d. Virtual agents e. NLG (Natural Language Generation)	CO-2	5
Q5.	What re the different forms of data? Mention the applications of Artificial Intelligence?	CO-2	5