JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -1 EXAMINATION- 2026

B.Tech-VI Semester (CSE/IT)

COURSE CODE (CREDITS): 25B1WCI645 (3) MAX. MARKS: 15

COURSE NAME: Digital Forensics

COURSE INSTRUCTOR: NTS* 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.

(c) Use of calculators is not allowed.

Q.No	Question	CO	Marks
Q1	Define cybercrime. Classify and explain any two types of cybercrime with suitable examples.	CO-1	3
Q2	Differentiate between hacking and ethical hacking. Also list the main steps involved in ethical hacking methodology.	CO-1	3
Q3	A university website was defaced by an unknown attacker who replaced the homepage with offensive content. As a digital forensics student, identify the role of computers in this crime and suggest two preventive measures to avoid such incidents in future	CO-1	3
Q4	Explain digital forensics. Discuss the need for digital forensics and mention challenges faced while working with digital forensics.	CO-2	3
Q5	During an internal audit, suspicious files are found on an employee's office computer. As an investigator, explain the characteristics of digital evidence and challenges involved in handling such evidence in this case.	CO-2	3

JUIT TEST-1 EXAMINATION FEB-2026

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