

JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY, WAKNAGHAT

TEST -2 EXAMINATION - 2024

B. Tech-VIII Semester (CSE/IT)

COURSE CODE (CREDITS): 19B1WCI831 (3)

MAX. MARKS: 25

COURSE NAME: ETHICS AND INFORMATION TECHNOLOGY

COURSE INSTRUCTORS: MR. PRATEEK

MAX. TIME: 1 Hour 30 Minutes

Note: (a) All questions are compulsory.

(b) Marks are indicated against each question in square brackets.

(c) The candidate is allowed to make suitable assumptions wherever required

- Q1. (a) What do you mean by a "Professional"? Who is a Computer/IT Professional? What are some special moral obligations that are applicable to any Computer/IT Professional?
- (b) Write down any four strengths and weaknesses of professional codes such as ACM and IEEE-CS. (CO1) [3+2=5 Marks]
- Q2. (a) What do you mean by Personal Privacy? Explain three different views of privacy.
- (b) Differentiate between natural privacy and normative (descriptive) privacy. Discuss any scenario for detail explanation. (CO3) [3+2=5 Marks]
- Q3. (a) Discuss any three data gathering techniques in detail that are commonly used for monitoring, recording and tracking personal information of an individual.
- (b) Differentiate between the terms "Computer Merging" and "Computer Matching" used for exchanging personal data taking suitable examples. (CO2) [3+2=5 Marks]
- Q4. (a) "Privacy and security can be thought of as two sides of a single coin". Justify the given statement giving suitable examples.
- (b) Discuss any two privacy enhancing technologies in detail. (CO3) [3+2=5 Marks]
- Q5. (a) What is the CIA triad and why it is important?
- (b) Explain how "Cyberterrorism" is different from "Hactivism". (CO3) [3+2=5 Marks]