



Avinashilingam Institute for Home science and Higher Education for Women
(Deemed to be University under Category 'A' by MHRD, Estd. u/s 3 of UGC Act 1956)
Re-accredited with A++ Grade by NAAC. Recognised by UGC Under Section 12B
Coimbatore - 641 043, Tamil Nadu, India
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Continuous Internal Assessment Test I – Aug 2025

SEMESTER I

Class : I UG

Major : Information Technology

Time : 2 hours

Max.marks: 60

23BITGE1 Computer Ethics

CO1: Distinguish between various ethical theories which can be used to form the basis of solutions to moral dilemmas in computing.

CO2: Recognize traditional and current issues related to Computers, Information systems, Ethics, Society and Human Values.

CO3: Identify and define the components of a structured plan for solving ethical problems and in the process, will be able to understand the basic for her/his own ethical system.

CO4: Compare and contrast the examples, discussing the commonalities, differences and implications.

CO5: Develop skills of critical analysis and applying ethical principles to situations and dialectical thinking.

Part A

6 X1 =6

Choose the correct answer

- Which of the following best explains the need for computer ethics training? CO1K2
 - To improve programming skills
 - To understand legal software installation only
 - To ensure responsible and ethical use of technology
 - To increase software sales
- Who is known as the "father of computer ethics"? CO1 K2
 - Alan Turing
 - James Moor
 - Norbert Wiener
 - Charles Babbage
- Which of the following is an example of intellectual property violation in computing? CO2 K2
 - Installing antivirus software
 - Creating a strong password
 - Copying and distributing software without a license
 - Reporting a phishing email
- Creating and spreading computer viruses falls under which category of unethical behavior? CO2 K2
 - Ethical hacking
 - Information sharing
 - Software maintenance
 - Computer crime
- Virtual ethics is also known as: CO2 K2
 - Physical ethics
 - Offline ethics
 - Cyber ethics
 - Academic ethics
- Free speech online is limited when it leads to ____ CO3 K2
 - Honest opinion
 - Constructive criticism
 - Hate speech or violence
 - Freedom of information

Part B

3 x 6 = 18

Answer the following

Each answer should not exceed 400 words or two pages

- a. Explain the importance of computer ethics training in today's digital age. CO1 K4

(Or)

 - What are the common ethical issues faced by IT users? Discuss. CO1 K4
- a. What are computer ethics codes? Mention any two professional codes of ethics and explain their significance. CO2 K4

(Or)

 - How does unauthorized access to computer systems affect individuals and organizations? Discuss ethical and security perspectives. CO2 K4

9. a. Define virtual ethics. Why is it important in the age of the internet and digital communication? CO3 K4

(Or)

b. List and explain three challenges related to maintaining free speech on online platforms. CO3 K4

Part C

3 x 12 = 36

Answer ALL questions

Each answer should not exceed 800 words or four pages

10. a. Discuss the need for computer ethics training in professional and academic environments. CO1 K4

(or)

b. Explain any three ethical issues that are commonly addressed in the field of computer ethics. CO1 K4

11. a. Describe the ethical concerns surrounding computer hacking and the creation of viruses. How can organizations protect themselves? CO2 K5

(or)

b. Briefly explain any three ethical issues in computing related to privacy and intellectual property. CO2 K4

12. a. Discuss the importance of transparency in virtual ethics. How can organizations ensure ethical transparency in their digital practices? CO3 K4

(or)

b. Analyze a real-world case or example where a lack of transparency or misuse of free speech led to ethical or legal consequences. What lessons can be learned? CO3 K5
