



Avinashilingam Institute for Home Science and Higher Education for Women

Deemed to be University Estd. u/s 3 of UGC Act 1956, Category 'A' by MHRD (now MoE)

Re-accredited with an 'A++' Grade by NAAC CGPA 3.65/4, Category I by UGC

Coimbatore - 641 043, Tamil Nadu, India

Continuous Internal Assessment Test– October 2025

Semester V

Class: III UG

Major: B.Com(CA)

Time: 2 Hours

Max. Marks: 60

23BCCSE3B–Cyber Security

Course Outcomes

CO1: Understand about Cyber Space and Cyber Security threats.

CO2: Acquire Knowledge on various types of cyber – attacks, cyber – crimes, vulnerabilities and remedies thereto.

CO3: Able to analyse the security aspects of social media platforms and ethical aspects associated with the use of social media.

CO4: Capable to evaluate the digital payment system security and remedial measures against digital payment frauds.

CO5: Familiar with tools and techniques to secure the digital devices.

Part A

Choose the correct answer:

6x1=6

1. What is Phishing attack in the context of social media?
a) A method used to send spam messages
b) A way to track user activity
c) A tactic to steal personal information by pretending to be a trustworthy entity
d) A form of hacking to steal login credentials through brute force
CO3K1
2. Which of the following is a feature offered by social media platforms to help users protect their privacy?
a) Account visibility settings
b) Automated password generation
c) Public access to private posts
d) Ad tracking
CO3K1
3. What is the primary function of digital wallets (e-wallets) in the context of e-commerce?
a) To store physical currency
b) To allow consumers to create online stores
c) To allow consumers to purchase products on credit
d) To store digital payment information and enable secure transactions
CO4K1
4. Which of the following is a risk associated with digital payments in e-commerce?
a) Increased customer convenience
b) Fraudulent transactions and data breaches
c) Reduced transaction speed
d) Increased Product availability
CO4K2
5. What is the primary purpose of security patch management?
a) To install new applications
b) To update user credentials
c) To fix vulnerabilities in software
d) To improve hardware performance
CO5K2
6. What is the main purpose of configuring a security policy on a system?
a) To improve graphical user interface
b) To increase internet speed
c) To uninstall unused software
d) To control and enforce access and usage rules
CO5K2

Part B

Answer ALL questions

3x6=18

Answer Should not exceed 400 words

7. a) Summarize the Flagging and reporting of inappropriate content in social media.
Or
b) Interpret the Laws regarding positioning of inappropriate content.
CO3K2
8. a) Explain the Advantages and Disadvantages of E-commerce.
Or
b) Discuss the security threats and types of threats in e-commerce.
CO4K2
9. a) Write a note on Downloading and management of third party software.
Or
b) Describe about the Security Patch Management.
CO5K3

Part C

Answer ALL questions

3x12=36

Answer Should not exceed 800 words

10. a) Outline the best practices for the use of social media.
Or
b) Analyze the security issues related to social media.
CO3K3
11. a) Interpret the elements of E-commerce.
Or
b) Generalize about the Aadhar enabled payment system.
CO4K2
12. a) Enumerate the Significant of host firewall and Anti-virus.
Or
b) Discuss about the Configuration of basic security policy and permissions.
CO5K3