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# 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  
CO3K1**

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
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
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
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
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
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

### 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.
8. a) Explain the Advantages and Disadvantages of E-commerce.  
Or  
b) Discuss the security threats and types of threats in e-commerce.
9. a) Write a note on Downloading and management of third party software.  
Or  
b) Describe about the Security Patch Management.

### 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.
11. a) Interpret the elements of E-commerce.  
Or  
b) Generalize about the Aadhar enabled payment system.
12. a) Enumerate the Significant of host firewall and Anti-virus.  
Or  
b) Discuss about the Configuration of basic security policy and permissions.