



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– I August 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. Cyber Security Provides security against _____.
a) Malware b) Cyber - terrorist c) Protects system from cyber attack d) All the above. **CO1: K2**
2. Cyber Space was Coined by _____.
a) Richard Stallman b) William Gibson c) Andrew Tannenbaum d) Scott Fahlman **CO1: K1**
3. Which of the following is a component of Cyber Security?
a) IOT b) AI c) Database d) Attacks **CO2: K1**
4. Which of the following is the hacking approach where cyber criminals design fake websites or pages for tricking or gaining additional traffic?
a) Pharming b) Website Duplication c) Mimicking d) Spamming **CO2: K2**
5. Which of the following is not an appropriate measure for securing social networking accounts?
a) Strong Passwords b) Link your account with a phone number
c) Never write your password anywhere d) Always maintain a softcopy of all your passwords in your PC. **CO3: K2**
6. Many social media sites and services provide _____ for legitimate account verification. **CO3: K2**
a) Retina Scanning b) Finger Print Scanning c) CAPTCHA d) 2 – step verification.

Part B

Answer ALL questions

3x6=18

Answer Should not exceed 400 words or Two Pages

7. a) Outline the five Key principles in cyber security **CO1: K1**
(or)
7. b) Explain the Advantages and Disadvantages of Cyber space. **CO1: K2**
8. a) Specify the types of cybercrime targeting computers and mobile devices. **CO2: K2**
(or)
8. b) Write the differences between Malware and Ransomware. **CO2: K1**
9. a) Write a note on Social media Platforms. **CO3: K2**
(or)
9. b) Explain the security issues related to social media. **CO3: K2**

Part C

Answer ALL questions

3x12=36

Answer Should not exceed 800 words or Four Pages

10. a) Describe about the Internet Infrastructure for data transfer and governance. **CO1: K3**
(or)
10. b) Explain the Issues and Challenges of cyber security. **CO1: K3**
11. a) Discuss Briefly about the classification of cyber crime. **CO2: K2**
(or)
11. b) Explore how social engineering works in financial fraud. **CO2: K3**
12. a) Enumerate the Challenges, Opportunities and pitfalls in online social network. **CO3: K3**
(or)
12. b) Write a detailed note on Social media Monitoring, Hashtag and Viral Content. **CO3: K2**

Staff In Charge: Dr. D. Vanisree

No. of copies : 65+65=130