



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

1. Cyber Security Provides security against _____. **6x1=6**
a) Malware b) Cyber - terrorist c) Protects system from cyber attack d) All the above. **CO1:K2**
2. Cyber Space was Coined by _____. **CO1: K1**
a) Richard Stallman b) William Gibson c) Andrew Tannenbaum d) Scott Fahlman
3. Which of the following is a component of Cyber Security? **CO2: K1**
a) IOT b) AI c) Database d) Attacks
4. Which of the following is the hacking approach where cyber criminals design fake websites or pages for tricking or gaining additional traffic? **CO2: K2**
a) Pharming b) Website Duplication c) Mimicking d) Spamming
5. Which of the following is not an appropriate measure for securing social networking accounts? **CO3: K2**
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.
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

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**