



003-3035003

Seat No. _____

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BACHELOR OF COMPUTER APPLICATION (W.E.F. 2022) BCA (2022) Semester - 5 Examination

BCA (2022) SEMESTER-5 OCT-2024

CS – 27: CYBER SECURITY

Time : 2.5Hours]

[Total Marks : 70

- 1 (A) Answer the following: 4
 - 1 Define: Cyber Security.
 - 2 Give full form of WWW.
 - 3 What is Internet?
 - 4 WAN stands for _____.

- (B) Answer in brief (Any one out of two) 2
 - 1 What is Web Technology?
 - 2 Define: Communication.

- (C) Answer in detail (Any one out of two) 3
 - 1 What are the regulation of Cyberspace?
 - 2 Write a short note on Internet Society.

- (D) Write a note on (Any one out of two) 5
 - 1 Discuss issues and challenges of Cyber Security.
 - 2 Explain Architecture of Cyberspace in detail.

- 2 (A) Answer the following: 4
 - 1 _____ is any program or file that's intentionally harmful to a computer, network or server.
 - 2 Define: Financial Fraud.
 - 3 The attacker locks and encrypts the victim's data, important files and then demands a payment to unlock and decrypt the data is known as _____ attack.
 - 4 What is Cyber Law?

- (B) Answer in brief (Any one out of two) 2
 - 1 Define: Social engineering attacks.
 - 2 What is Zero-day and Zero-click attacks?

- (C) Answer in detail (Any out of two) 3
- 1 Write a short note on IT Act 2000.
 - 2 How to report a Cyber Crime in India?
- (D) Write a note on (Any one out of two) 5
- 1 Explain the legal aspects of Cyber Crime.
 - 2 Explain Classifications of Cyber Crime in detail.
- 3 (A) Answer the following: 4
- 1 SMM stands for _____.
 - 2 Define: Social Network.
 - 3 _____ is the largest video-sharing platform.
 - 4 Define: Hashtag.
- (B) Answer in brief (Any one out of two) 2
- 1 What is Viral Content?
 - 2 List various Social Media Platforms.
- (C) Answer in detail (Any one out of two) 3
- 1 Write a short note on Social Media Privacy.
 - 2 Discuss laws regarding posting of inappropriate Content on Social Media.
- (D) Write a note on (Any one out of two) 5
- 1 What are the opportunities and challenges in Online Social Network?
 - 2 What is Social Media? Explain different types of Social Media.
- 4 (A) Answer the following: 4
- 1 USSD stands for _____.
 - 2 Physical or virtual cards issued by banks used for online and offline transactions are known as Banking Cards. (True/ False)
 - 3 Give full form of UPI.
 - 4 Define: Aadhar enabled payment system.
- (B) Answer in brief (Any one out of two) 2
- 1 What is E-commerce?
 - 2 What is e-Wallets?
- (C) Answer in detail (Any one out of two) 3
- 1 Write a short note on elements of E-commerce security.
 - 2 Discuss various components of digital payment and stake holders.

(D) Write a note on (Any one out of two) 5

- 1 What is Payment Settlement? Explain Payment Settlement Act, 2007 in detail.
- 2 What are the common RBI guidelines for Digital Payments?

5 (A) Answer the following: 4

- 1 Encrypt sensitive data stored on endpoint devices to protect it from unauthorized
- 2 access if the device is lost. (True/ False)
- 3 Define: Data backup.
- 4 What is Device security policy?
_____ is a type of software designed to detect malicious software from computers and other devices.

(B) Answer In brief (Any one out of two) 2

- 1 What is Mobile Phone Security?
- 2 What is Password Policy?

(C) Answer in detail (Any one out of two) 3

- 1 Define Security and outline the process for managing security patches.
- 2 How to download and manage third party software?

(D) Write a note on (Any one out of two) 5

- 1 How to establish a basic security policy for Wi-Fi? Explain in detail.
- 2 What is Firewall? Write steps to setup Firewall.