FACULTY OF COMMERCE

B.Com. (CBCS) VI – Semester Examination, June / July 2023
(Only for Computer Applications Courses)
Subject : (B) Cyber Security
Paper – DSC – 603

Time: 2 Hours

Max. Marks: 50

PART – A

Note: Answer any five questions.

(5 x 2 = 10 Marks)

1. Need for Nodal Agency
2. Ethical Hacking
3. SOAP
4. PGP
5. Disk based Analysis
6. Firewalls
7. Cross Site Scripting
8. Cyberspace and Cyber Forensics

PART – B

Note: Answer all the questions.

(5 x 8 = 40 Marks)

9. (a) What is Cyber Security? Explain various types of Cyber threats.
(OR)
(b) Write a short note on a) Deception b) Cyber security Audit c) Denial of Services

10. (a) Explain the basic security for HTTP Applications and Services.
(OR)
(b) List out various security constraints in Web Applications and Web Servers.

11. (a) What is Intrusion Prevention System (IPS)? Explain any one type of IPS with advantages and limitations.
(OR)
(b) What is Intrusion? Write about types of Intrusions.

12. (a) What is Cryptography? Explain various Asymmetric cryptography methods.
(OR)
(b) What is VPN? What are the services provided by VPN?

13. (a) Write about Cyber security standards.
(OR)
(b) What is Email Scrutinizing? List out the methods to validate E-mail Header information.

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FACULTY OF COMMERCE

B.Com. (CBCS) VI – Semester (New) Examination, June / July 2022

(For Computer Applications Courses)

B. CYBER SECURITY

Time: 1½ Hours   Max. Marks: 50

PART – A

Note: Answer any five questions.   (5 x 2 = 10 Marks)

1. Ethical Hacking

2. Weak Authentication.

3. Web Applications

4. Intrusion Prevention System

5. Network Session Analysis.

6. Digital Signature

7. VPN

8. Cyber Forensic.

PART – B

Note: Answer all the questions.   (5 x 8 = 40 Marks)

9. a) What is System Administration? Explain the roles and responsibilities of System Administrator.

(OR)

  b) Explain the different Cyber Security Safeguards.

10. a) What are the different Security Considerations for Web Server?

(OR)

  b) What is IAM? Explain different Components of IAM?

11. a) What is IDS? Explain the benefits and challenges of IDS.

(OR)

  b) What is Malware? Explain different types of Malware.

12. a) What is Cryptography? Explain different types of Cryptography.

(OR)

  b) Explain the working mechanism of PGP.

13. a) Explain the steps for validating E-Mail header.

(OR)

  b) What are the main objectives of National Cyber Security Policy 2013?

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