



BACHELOR OF SCIENCE (INFO. & TECH.) Examination
BSCIT SEMESTER-5 NOVEMBER 2025 (NEP) NOVEMBER - 2025

CS -31: CYBER SECURITY

Faculty Code : 003

Subject Code : 23SI-BSIT-MA-05-13001

Time : 2 Hours]

[Total Marks : 50

- Q.1 (A) Attempt the following. 3
- (1) What is cyber space?
 - (2) Full form of DNS.
 - (3) Full form of CDN.
- Q.1 (B) Attempt any one of the following. 2
- (1) Write a note on challenges of cyber security.
 - (2) Explain advent of internet.
- Q.1 (C) Attempt any one of the following. 5
- (1) Explain Cyber space architecture in detail.
 - (2) Write a note on cyber space governance.
- Q.2 (A) Attempt the following. 3
- (1) What is cyber crime?
 - (2) Define Ransomware.
 - (3) Full form of CERT.
- Q.2 (B) Attempt any one of the following. 2
- (1) Write a note on zero day and zero click attack.
 - (2) Explain remedial and mitigation measures.
- Q.2 (C) Attempt any one of the following. 5
- (1) Explain classification of cyber crime and its attacks.
 - (2) What is IT Act 2000? Explain its amendments in detail.
- Q.3 (A) Attempt the following. 3
- (1) Define: Hashtag.
 - (2) Full form of 2FA.
 - (3) Give ant 2 example of Social media.
- Q.3 (B) Attempt any one of the following. 2
- (1) Write a note on viral content.
 - (2) Explain challenges in social media online platforms.

- Q.3 (C) Attempt any one of the following. 5
- (1) Explain flagging and reporting of inappropriate content.
 - (2) Explain types of social media and its bifurcation.
- Q.4 (A) Attempt the following. 3
- (1) Full form of UPI.
 - (2) Full form of USSD.
 - (3) What is E-commerce?
- Q.4 (B) Attempt any one of the following. 2
- (1) Explain main components of e-commerce.
 - (2) Explain challenges in digital payments.
- Q.4 (C) Attempt any one of the following. 5
- (1) Explain payment settlement act, 2007.
 - (2) Write a note on e-commerce threats and its preventive measures.
- Q.5 (A) Attempt the following. 3
- (1) Full form of MFA.
 - (2) Full form of SSID.
 - (3) Full form of WPA.
- Q.5 (B) Attempt any one of the following. 2
- (1) Explain security patch management in brief.
 - (1) Write a note on data backup.
- Q.5 (C) Attempt any one of the following. 5
- (1) Write a note on password policy.
 - (2) Explain device security policy in detail.