



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 at least 2 examples 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.	