



B.Tech VII Semester Regular/Supplementary Examinations, December 2024

**CYBER SECURITY
(CSE(DS))**

Maximum Marks: 70

Date:02.01.2025

Duration: 3 hours

- Note:**
1. This question paper contains two parts A and B.
 2. Part A is compulsory which carries 20 marks. Answer all questions in Part A.
 3. Part B consists of 5 Units. Answer any one full question from each unit which carries 10M.
 4. Each question carries 10 marks and may have a, b, c, d as sub questions.

Part-A

All the following questions carry equal marks		(10X2M=20 Marks)	CO	Bloom Tx
1	Define Cyber Security.		1	1
2	What is Cyber Espionage		1	1
3	Define Cyberspace		2	1
4	Compare and contrast Cyber Forensics and Digital Forensics		2	2
5	List popular attacks against 3G mobile networks		3	4
6	Define Smishing		3	1
7	What are the key challenges from emerging new information threats to organizations		4	1
8	Define social computing		4	1
9	What is Data Privacy		5	1
10	Define Data profiling		5	1

Part-B

Answer All the following questions.		(5X10M=50Marks)	CO	Bloom Tx
11	Classify Cyber attacks and explain them in detail?	[10M]	1	2
OR				
12	A) Compare and contrast virus and worm. B) What is a Security policy and why is it needed? Explain the types of Security policies?	[5M] [5M]	1	2 1
13	A) Discuss about Cyber Security Regulations B) Explain briefly Digital Forensics Lifecycle	[5M] [5M]	2	4 2
OR				
14	A) Explain the forensics analysis of Email with suitable example B) What are the roles of International Laws in cybersecurity?	[5M] [5M]	2	2 1

15	A) Explain the operating guidelines for implementing mobile device security policies [5M] B) Discuss the countermeasures against the theft of laptops. [5M]	3	2 4
OR			
16	A) Illustrate about the attacks on Mobile-Cell Phones [5M] B) Discuss about Registry Settings for Mobile Devices. [5M]	3	2 4
17	A) Distinguish about various types of web threats for Organizations [5M] B) Explain about the ethical dimension of cybercrimes [5M]	4	4 2
OR			
18	A) Discuss about social computing and the associated challenges for organizations [5M] B) Describe the Psychology, mindset and skills of Hackers [5M]	4	4 2
19	A) Discuss privacy in financial domain. [5M] B) Describe the overview Pune City Police Bust Nigerian Racket case [5M]	5	4 2
OR			
20	A) Elaborate about various Data Privacy attacks [5M] B) Explain about Privacy policies in different languages [5M]	5	6 2