DEPARTMENT OF INFORMATION TECHNOLOGY

UNIT TEST-I

Class: BE-A/B   **Semester: VII**   **Subject: IS**

Date: 28/08/2024   **Time: 10:30am-12:00pm**   **Max marks: 40**

Note the following instructions

1. **Attempt all questions.**
2. **Draw neat diagrams wherever necessary.**
3. **Write everything in Black ink (no pencil) only.**
4. **Assume data, if missing, with justification.**

Q.N	Questions	MARKS	CO	Blooms Taxonomy Level
Q.1.	**Attempt any two.**			
1	Explain format string attack.	[5]	CO2	L2
2	Explain cross site scripting attack and its types.	[5]	CO2	L2
3	What is malware? Explain different types of it.	[5]	CO2	L2
4	Describe file protection techniques in software security.	[5]	CO2	L2
Q.2.	**Attempt any two.**			
1	Explain different types of authentication methods.	[10]	CO1	L2
2	List the access modes and explain properties of Bell LaPadula (BLP) Model.	[10]	CO1	L2
3	Write short note on Access Control policies.	[10]	CO1	L2
Q.3.	**Attempt any one.**			
1	List out the possible threats to mobile device security. Explain the strategies for mobile device security.	[10]	CO3	L2
2	Explain different types of IEEE 802.11 WLAN Security attacks associated to confidentiality, integrity and availability.	[10]	CO3	L2