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**PRESIDENCY
UNIVERSITY**
BENGALURU

School of Computer Science & Engineering
Mid - Term Examinations - November 2024

Semester: 7th

Course Code: CSE3350

Course Name: Cyber security

Program:ISD

Date: 05/11/2024

Time 02.00pm to 03.30pm

Max Marks: 50

Weightage: 25%

Instructions:

(i) Read all questions carefully and answer accordingly.

(ii) Do not write anything on the question paper other than roll number.

Part A

Answer ALL the Questions. Each question carries 2marks.

5Qx2M=10M

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|---|--|---------|----|-----|
| 1 | Write any four examples of cyber stalking | 2 Marks | L1 | CO2 |
| 2 | List down any Four examples of threats | 2 Marks | L1 | CO1 |
| 3 | What is meant by cybercrime | 2 Marks | L1 | CO2 |
| 4 | List the three core principles of information security | 2 Marks | L1 | CO1 |
| 5 | What is meant by sniffing | 2 Marks | L1 | CO2 |

Part B

Answer ALL Questions. Each question carries 10 marks.

4QX10M=40M

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|-----------|--|---------|----|-----|
| 6 | 6a. Classify various of layer in cyber security | 6 Marks | L2 | CO1 |
| | 6b. Differentiate software attack and hardware attack | 4 Marks | L2 | CO1 |
| or | | | | |
| 7 | 7a. Explain security policy and firewall policy in detail | 5 Marks | L2 | CO1 |
| | 7b. Differentiate web based attack and system based attack | 5 Marks | L2 | CO1 |

8	8a.	Explain the types of common active attack in detail	4 Marks	L2	C01
	8b.	Explain the security services (x.800) in detail	6 Marks	L2	C01
or					
9	9a.	Explain the model for network security in detail with diagram	6 Marks	L2	C01
	9b.	Discuss the common vulnerability in detail	4 Marks	L2	C01
10	10a.	Explain the password security with diagram	6 Marks	L2	C01
	10b.	Discuss the reasons for installing reverse proxy servers	4 Marks	L2	C01
or					
11	11a.	Discuss the Impact of Cyber Crimes and how can you prevent the cyber crimes	6 Marks	L2	C02
	11b.	How to avoid the Vishing & Smishing	4 Marks	L2	C02
12	12a.	Mr. James is working for TCL Company, but he joined Facebook and uploaded his profile and personal information to social media. Identify what type of cyber attack Mr. James got? justify your answer and explain the attack?	5 Marks	L3	C02
	12b.	For the above scenario, how can Mr. James protect himself from an attack? explain	5 Marks	L2	C02
or					
13	13a.	KPS college has five networks and two servers and networks connected with access point, How the attacker try to attack the networks? Identify what type of attacks and justify your answer	5 Marks	L3	C02
	13b.	Assume that you're the administrator for the KPS college and this college networks are connected with access point, how you will be strengthen the security in that network	5 Marks	L2	C02