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**PRESIDENCY
UNIVERSITY**
BENGALURU

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

Semester: 5th

Course Code: CSE3350

Course Name: Cyber security

Program: ISD

Date: 06/11/2024

Time 09.30am to 11.00am

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 | What is meant by DDos. | 2 Marks | L1 | CO2 |
| 2 | List down any Four examples of threats | 2 Marks | L1 | CO1 |
| 3 | What is meant by Anonymizer | 2 Marks | L1 | CO2 |
| 4 | List the three core principles of information security | 2 Marks | L1 | CO1 |
| 5 | What is meant by Catfishing | 2 Marks | L1 | CO2 |

Part B

Answer ALL Questions. Each question carries 10 marks.

4QX10M=40M

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|---|--|---------|----|-----|
| 6 | 6a. Discuss various of common vulnerability | 5 Marks | L2 | CO1 |
| | 6b. Compare active attack and passive attack | 5 Marks | L2 | CO1 |

or

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|---|---|---------|----|-----|
| 7 | 7a. Explain the security service x.800 in detail | 6 Marks | L2 | CO1 |
| | 7b. Compare the software attack and hardware attack | 4 Marks | L2 | CO1 |

8	8a.	Explain the motive of attacker in detail	5 Marks	L2	C01
	8b.	Compare web based attack and system based attack	5 Marks	L2	C01
or					
9	9a.	Explain the model of network security in detail with necessary diagram.	6 Marks	L2	C01
	9b.	Classify the various of active attacks	4 Marks	L3	C01
10	10a.	Explain the types of social engineering attacks in detail with examples	6 Marks	L2	C01
	10b.	How to avoid the Vishing & Smishing attacks	4 Marks	L2	C01
or					
11	11a.	Explain the types of proxy server in detail with necessary diagram.	6 Marks	L2	C02
	11b.	How to prevent the cyber crime ?	4 Marks	L2	C02
12	12a.	ABC College has four networks and two servers and networks connected with access points. How does the attacker try to attack the networks ? Identify What type of attacks? And justify your answer.	5 Marks	L3	C02
	12b.	Assume that you're the administrator for the ABC college, and these college networks are connected with access points. How will you strengthen the security in that network?	5 Marks	L2	C02
or					
13	13a.	Mr. Arun is working for a software company, but he will be posting the photos with the geo tag and future plan for the visiting place and all the details uploading in the social media. Identify what type of cyber attack Mr.Arun got? justify your answer	5 Marks	L3	C02
	13b.	For the above scenario, how can Mr. Arun protect himself from attack? explain	5 Marks	L2	C02