Roll No.																							

PRESIDENCY UNIVERSITY
BENGALURU

Department of Research & Development
Mid - Term Examinations - SEPTEMBER 2024

Odd Semester: Ph.D. Course Work	**Date**: 27 /09/2024
Course Code: CSE871	**Time**: 2:00pm – 3:30pm
Course Name: Cyber Security	**Max Marks**: 50
Department: Computer Science and Engineering	**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 5 marks.		**4Qx5M=20M**
1	**Define Digital signatures. What are the properties of Digital Signature?**	**5 Marks**
2	**Compare block cipher and stream cipher?**	**5 Marks**
3	**Indian government initiatives on cyberbullying: A case study?**	**5 Marks**
4	**How Does Grooming Fit into Social Engineering?**	**5 Marks**

Part B

Answer ALL Questions. Each question carries 15 marks.		**2QX15M=30M**
5	**Explain cybersecurity detection approaches?**	**15 Marks**
6	**Illustrate what are recent research gaps in following areas:** **Logic bombs, DoS, DDoS, APTs, Virus, Trojans, Ransomware, Data breach., Online scams and frauds- Email scams, Phishing, Vishing, Smishing, Online job fraud, Debit/ credit card fraud, Online payment fraud,**	**15 Marks**