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: CSE869	**Time**: 2:00pm – 3:30pm
Course Name: Advanced Internet of Things	**Max Marks**: 50
Department: CSE	**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	Explain the IoT functional blocks in the logical design of IoT.	5 Marks
2	Discuss the key characteristics of the Internet of Things (IoT).	5 Marks
3	Explain the concept of processing offloading in IoT systems.	5 Marks
4	Discuss the significance of processing in IoT.	5 Marks

Part B

Answer ALL Questions. Each question carries 15 marks.		2QX15M=30M
5	Examine different IoT processing topologies, such as centralized, distributed, and edge processing. Discuss their roles, advantages, and limitations in various IoT applications.	15 Marks
6	Analyze the importance of data format in IoT systems and its impact on communication, processing, and storage. Provide examples of common data formats used in IoT.	15 Marks