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PRESIDENCY UNIVERSITY

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Bengaluru

Mid Term Examinations - October 2026

Date: 09/10/2026 **Time:** 02:00 PM - 03:30 PM

Course Code: CIT2500 **Course Name:** FoG Computing for IoT

Semester: Fifth Semester **Max. Marks:** 50 **Weightage:** 50%

CO - Levels	CO1	CO2
Marks	44	46

PART A: Answer Following Questions. 10 M

Q.N.	Questions	M	CO	BT
1	Mention the factors that affecting the performance of a computer network	2	CO1	BT1
2	List any two Limitations of Cloud Computing	2	CO1	BT2
3	List any two use cases of the offloading Model in MFC	2	CO2	BT2
4	Outline any two benefits of the MEC Model	2	CO2	BT2
5	Name two types of Basic Service Set based on 802.11	2	CO2	BT1

PART B : Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
6	Explain Fog Computing and its architecture with a suitable diagram	10	CO1	BT2
7	Differentiate Cloud Vs Edge Vs Fog(min 10 points)	10	CO1	BT2

PART C: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
8	Illustrate how to apply the hierarchy between Fog and Edge Computing to enhance efficiency in real-time data processing	10	CO1	BT2
9	Describe any two deployment strategies and their description of Fog Computing with suitable diagrams	10	CO1	BT2

PART D: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
10	Differentiate between the communication model over programmable model and its Communication Technologies in fog.	10	CO2	BT2
11	Illustrate the components of 5G architecture and its extended network services.	10	CO2	BT2

PART E: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
12	Describe in detail the IEEE 802.11 Standard architecture and WPAN Classifications with appropriate diagrams.	10	CO2	BT2

13	Classify the various Long-range technologies used in fog and its applications.	10	CO2	BT2