Roll No: | | | | | | | | | | | |

PRESIDENCY UNIVERSITY

GAIN MORE KNOWLEDGE
REACH GREATER HEIGHTS

Presidency University Act, 2013 of the Karnataka Act No. 41 of 2013 | Established under Section 2(f) of UGC Act, 1956
Approved by AICTE, New Delhi | Approved By BCI
Bengaluru

Mid Term Examinations - October 2026

Date: 06/10/2026 **Time:** 02:00 PM - 03:30 PM

Course Code: CIT3407 **Course Name:** IoT Data Analytics and Machine Learning

Semester: Seventh 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	Define IoT Analytics.	2	CO1	BT1
2	Identify some Common types of Sensors.	2	CO1	BT1
3	Identify the Common Sources of IoT Data	2	CO2	BT1
4	Recognize the Common Tools for IoT Visualization.	2	CO2	BT1
5	Identify the list of Core Dimensions of Data Quality.	2	CO2	BT1

PART B : Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
6	Explain the 3 layer IOT Architecture in detail.	10	CO1	BT1
7	Summarize about Bigdata Characteristics with respect to Five V’s.	10	CO1	BT2

PART C: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
8	Explain in detail about IOT Analytics Pipeline.	10	CO1	BT1
9	Explain in detail about OSI Reference Model.	10	CO1	BT1

PART D: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
10	Illustrate in various steps about Hypothesis Testing in detail.	10	CO2	BT1
11	Explain in detail about An End-to-End Analytics Workflow.	10	CO2	BT1

PART E: Answer Any 1 Following Questions. 10 M

Q.N.	Questions	M	CO	BT
12	Explain in detail about Multivariate & Dashboard Views.	10	CO2	BT1
13	Explain the Components of Time Series in detail.	10	CO2	BT1