

Enroll No

K.E.Society's
Rajarambapu Institute of Technology, Rajaramnagar
(An Empowered Autonomous Institute, affiliated to SUK)
Unit Test -II (2025-26)

Q.P. Code
UT 3122

T.Y. B. Tech.-Electronics & Telecommunication Engineering

Course Code: OE357

Course Name: Internet of Things

Day & Date: Friday 19/09/2025

Time: 10:30 To 11:30

Max Marks- 25

- Instructions:**
- 1) All questions are compulsory.
 - 2) Figures in rounded () brackets within the question, indicate the scheme of marking for respective part of the question, whereas, figures in the first right column indicate total marks for that whole question.
 - 3) CO is the index number of the Course Outcome statement.
 - 4) The Bloom's taxonomy level (BL) for 1,2,3,4,5 and 6 is remember, understand, apply, analyze, evaluate and create respectively.
 - 5) Assume suitable data if necessary.
 - 6) Use of non-programmable calculators is allowed

			Marks	BT Level	COs
Q.1	A	Illustrate the need of sensor in IoT. Explain classification of sensors used in IoT with suitable examples. (Need 1 Mark, classification with explanation and example 2 Marks each)	7	4	2
OR					
	A	Illustrate the need of actuators in IoT. Explain classification of actuators used in IoT with suitable examples. (Need 1 Mark, classification with explanation and example 2 Marks each)			
	B	List the different boards used for IoT application development. Explain in detail the various criteria used to choose the right platform for a given application. (List 2 Mark, Criteria with explanation 1 Mark each)	6	4	2
Q.2	A	Describe in detail with suitable example public and private cloud. (3 Mark each)	6	4	3
	B	Elaborate the role of cloud in IoT with its functionalities.	6	4	3

