STATE BOARD OF TECHNICAL EDUCATION AND TRAINING
TELANGANA
DIPLOMA EXAMINATION (C-21)
C-21-MAR-2025
SEMESTER V , MID-II EXAM

AI-574
Internet of Things

PCODE
15005

Exam Date: 10-03-2025
Duration: 1 Hour [01:30 PM To 02:30 PM]   82259-AI-035

Session: AN
[Total Marks: 20]

PART-A

Instructions:	1. Answer the following questions.	4 X 1 = 4
	2. Each question carries ONE mark.	

1. Write an example of IOT hardware components
2. Define CoAP
3. What is Device Integration in IOT
4. What is the IoT Framework

PART-B

Instructions:	1. Answer the following questions.	2 X 3 = 6
	2. Each question carries THREE marks.	

5(a). What is the importance of Node.js in IOT

----- OR ---

5(b). Describe ZigBee in IOT

6(a). Write about different Device Authorization techniques in IOT

----- OR ---

6(b). Write about Device Data Storage in IOT

PART-C

Instructions:	1. Answer the following questions.	2 X 5 = 10
	2. Each question carries FIVE marks.	

7(a). Explain about IoT Communication Technolgies

----- OR ---

7(b). Explain about the importance of TCP and UDP in IOT

8(a). Explain in detail about Authentication in IOT

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8(b). Explain in detail about Unstructured data storage on IOT cloud