

PSG COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)

MSc DEGREE EXAMINATION DECEMBER 2025
(Third Semester)

Branch - APPLIED ELECTRONICS

IOT AND ITS APPLICATIONS

Time: Three Hours

Maximum: 75 Marks

SECTION-A (10 Marks)

Answer ALL questions

ALL questions carry **EQUAL** marks $(10 \times 1 = 10)$

Cont...

SECTION - B (35 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks $(5 \times 7 = 35)$

Module No.	Question No.	Question	K Level	CO
1	11.a.	Explain the types of IoT Design methodology. (OR)	K5	CO1
	11.b.	Elaborate IoT cloud network and service.		
2	12.a.	Discuss the applications of Wireless sensor and Adhoc Network. (OR)	K4	CO2
	12.b.	Explain the QoS in IoT system.		
3	13.a.	Briefly explain the function of Embedded Hardware. (OR)	K5	CO3
	13.b.	Explain the CC32XX Launchpad for Rapid Internet Connectivity.		
4	14.a.	Discuss different types of Building Android Applications. (OR)	K6	CO4
	14.b.	Write Short note on Building serve side components for IoT Application.		
5	15.a.	Elaborate the functions of data models and Data acquisition in sensor Network . (OR)	K5	CO5
	15.b.	Explain the applications of Mining Data Streams.		

SECTION -C (30 Marks)

Answer ANY THREE questions

ALL questions carry EQUAL Marks $(3 \times 10 = 30)$

Module No.	Question No.	Question	K Level	CO
1	16	Explain the Basic Architecture and Components with application.	K5	CO1
2	17	Describe the function of LORA and ZIGBEE.	K4	CO4
3	18	Discuss about briefly the Connected sensor and Actuators.	K5	CO5
4	19	Write a note on Operating system for IoT Application.	K6	CO3
5	20	Explain the Data source in IoT and Data Types in IoT with example.	K4	CO5

Z-Z-Z END