

# **PSG COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)**

**MSc DEGREE EXAMINATION DECEMBER 2025**  
**(Third Semester)**

**Branch – COMPUTER SCIENCE**  
**INTERNET OF THINGS - IoT**

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.	Analyze the characteristics of IoT.  (OR)	K4	CO1
	11.b.	Analyze the marketplace of IoT.		
2	12.a.	Explain the features of COAP.  (OR)	K2	CO2
	12.b.	Discuss the architecture of REST.		
3	13.a.	Illustrate the application of IoT in Smart Lighting.  (OR)	K4	CO3
	13.b.	Examine the use of IoT in Health and fitness monitoring.		
4	14.a.	Apply the Purpose and Requirements Specification step to an IoT system of your choice.  (OR)	K3	CO4
	14.b.	Identify the functional groups included in a functional view of an IoT System.		
5	15.a.	Identify the use of functions in Python.  (OR)	K3	CO5
	15.b.	Identify the use of Dictionaries in Python.		

**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	Analyze the applications of IoT.	K4	CO1
2	17	Compare XAMPP with MQTT.	K4	CO2
3	18	Examine the usage of IoT in Cities.	K4	CO3
4	19	Compare the Domain Model Specification step with the Information Model Specification Step.	K4	CO4
5	20	Analyze the control flow statements of Python.	K4	CO5