C

PART A - (5x 1 = 5 Marks)

1. RFID stands for_____   CO1- R

   (a) Radio-field identification   (b) Radar-frequency identification

   (c) Radio-frequency identification   (d) None of the above

2. Gyroscope is a sensor which measures the _____   CO2- R

   (a) Acceleration   (b) Velocity   (c) Physical orientation   (d) Pressure

3. When do we call the states are safely exportable?   CO3- R

   (a) A goal state is unreachable from any state

   (b) Goal state is denied access

   (c) A goal state is reachable from every state

   (d) None of the mentioned

4. EURIDICE Context Model is represented within the _____   CO4- R

   (a) Cyc Knowledge Base   (b) Cyc Ontology Base

   (c) Cyc Context Base   (d) All of the above

5. REST services operate over_____ protocols.   CO5- R

   (a) UDP   (b) HTTP   (c) TCP   (d) All of these

PART – B (5 x 3= 15 Marks)

6. Distinguish between Web of Things and Internet of Things.   CO1-U

7. Define Sensors and actuators.   CO2- U

8.	List out the various types of Network Architectures.	CO3- R
9.	What is IoT Device integration?	CO4- R
10.	Define Elderly monitoring system.	CO5- R

PART – C (5 x 16= 80Marks)

11.	(a)	Explain briefly about components in Internet of Things.	CO1- U	(16)

Or

	(b)	Explain the following communication technologies: (i) Rflink (ii) Zigbee (iii) Mobile Internet	CO1- U	(16)

12.	(a)	Explain in detail about the Cloud computing and IOT with examples.	CO2- U	(16)

Or

	(b)	Write the procedure to connecting with the internet using wifi or Ethernet with example.	CO2- U	(16)

13.	(a)	How to Enabling the Autonomy and Agility by the Internet of Things. Explain it.	CO3- U	(16)

Or

	(b)	Write the Evolution from the RFID based EPC Network using Agent based Internet of Things with examples.	CO3- U	(16)

14.	(a)	Explain the concept for DiY Creation and List out the needed Requirement of Middleware Technologies for DiY Internet of Things.	CO4- U	(16)

Or

	(b)	Discuss the Application of Ontology Engineering in the Internet of Things Used in the Context of EURIDICE.	CO4- U	(16)

15.	(a)	Explain in detail about the Web-enabling Constrained Devices with example.	CO5- U	(16)

Or

	(b)	Write the detail to Set up cloud environment and discuss about how to send data to cloud from microcontroller.	CO5-U	(16)

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