

Reg. No. :

--	--	--	--	--	--	--	--	--	--	--

**Question Paper Code: 49211**

B.E. / B.Tech. DEGREE EXAMINATION, AUGUST 2021

Elective

Computer Science and Engineering

14UCS911 – INTERNET OF THINGS

(Regulation 2014)

Duration: 1:45 hour

Maximum: 50 Marks

PART A - (10 x 2 = 20 Marks)

**(Answer any ten of the following questions)**

1. Define the term 'Bluetooth'.
2. Define Mobile Internet.
3. What is Arduino?
4. List out the hardwares that can support IOT.
5. What are software agents?
6. Write short note on EPC Networks.
7. Define Ontology.
8. Write short note on Ontology.
9. What is meant by content negotiation?
10. List out the features of e-Health sensor platform
11. What is RFID?
12. Define Mobile Internet.

13. What is Arduino?
14. Explain the different modes of connecting IOT devices with internet.
15. What are software agents?

PART – B (3 x 10= 30 Marks)

**(Answer any three of the following questions)**

16. Explain Bluetooth with Wifi. Discuss the merits and demerits of Bluetooth with Wifi. (10)
  17. Explain the working principles of sensors and actuators with suitable examples. (10)
  18. Explain the clustering principles in an internet of things architecture. (10)
  19. Design a Business model with Actuator Technologies and Middleware as a Basis for a DiY Service Creation Framework. (10)
  20. Explain Resource oriented Architecture with neat sketch. (10)
-