

21U370

(Pages: 2)

Name:

Reg.No:

THIRD SEMESTER B.Voc. DEGREE EXAMINATION, NOVEMBER 2022

(CBCSS - UG)

CC21U SDC3 CN09 - COMPUTER NETWORK FOR IOT

(Information Technology)

(2021 Admission - Regular)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 3

Part A (Short answer questions)

Answer *all* question. Each question carries 2 marks.

1. What is a Node?
2. What is TCP-IP Layer? How many layers are used?
3. Compare connectionless service and connection oriented service
4. What is Token Ring?
5. Define Distance Vector Routing.
6. Define DNS.
7. Define RPL.
8. What are the functions of transport layer?
9. What is MAC 802.15.4 ?
10. What is roaming in mobile communication?
11. What are the Components of WSN?
12. Define network congestion? What is Token Bus?

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

Answer *all* question. Each question carries 5 marks.

13. How many types of modes are used in data transferring through networks?
14. Describe the layers of the OSI model?
15. Define Protocols. What is Wireless LAN?
16. What is a router and what is it used for?
17. Explain briefly SNMP.

18. Differentiate between oneM2M and ETSI M2M.

19. Explain the Hardware design of Sensor node.

(Ceiling: 30 Marks)

Part C (Essay questions)

Answer any *one* question. The question carries 10 marks.

20. Briefly Explain the different types of network topologies and their advantages.

21. Explain in details with the Session Layer Protocols.

(1 × 10 = 10 Marks)
