

B C A DEGREE END SEMESTER EXAMINATION - OCT. 2020: JANUARY 2021**SEMESTER 3 : MOBILE APPLICATIONS AND CLOUD TECHNOLOGY****COURSE : 19U3CRBCA10 : COMPUTER NETWORKS***(Common for Regular - 2019 Admission & Supplementary 2018/2017/2016 Admissions)*

Time : Three Hours

Max. Marks: 75

PART A**Answer All (1 mark each)**

1. List out the different media connectors used in networking.
2. What are the benefits of wireless technology?
3. What are the specification of 802.11b standard?
4. What is the size of the Net ID in Class B?
5. Write any two Class B network address.
6. What is the function of TFTP?
7. What is tunneling?
8. What are the major elements of VSAT?
9. What is the significance of the command ipconfig/release?
10. What is RLOGIN?

(1 x 10 = 10)**PART B****Answer any 8 (2 marks each)**

11. Describe the different types of networks?
12. Differentiate between UTP and STP
13. Describe the functions of Switch?
14. Describe Infrastructure mode wireless networks.
15. Describe message switching.
16. Describe briefly about IMAP?
17. What is ISDN?
18. What are the applications of leased lines?
19. Explain the networking features of LINUX operating system.
20. Describe about Domain Controller.

(2 x 8 = 16)**PART C****Answer any 5 (5 marks each)**

21. Describe ICMP. Explain ICMP error messages.
22. Describe TCP/IP model.
23. Explain the types of wireless networks.
24. Describe the ARP transactions in detail.
25. Explain about IGMP messages.
26. Describe IPV4 addressing.
27. Describe about message switching with example.

(5 x 5 = 25)

PART D

Answer any 2 (12 marks each)

28. Explain in detail all the transmission media with its applications.
29. Describe the functions of the network devices in detail .
30. Explain in detail about the protocols used for Email.
31. Describe the features and security in Windows NT Server. Explain in detail Windows NT domain models.

(12 x 2 = 24)