B. C. A. (Sem. IV) Examination

March-2022

Computer Application : CS-21

(Network Technology & Administration)

Faculty Code : 003

Subject Code : 003409

Time : $2\frac{1}{2}$ Hours]   [Total Marks : **70**

Instructions : (1) All questions carry equal marks.

(2) Answer any five questions.

1 (A) What is network ? Explain Different types of Network Services in detail.

(B) Explain the use of Network Model in detail.

2 (A) What is OSI model ? Explain OSI reference model with 7 layers in detail.

(B) What is Network topology ? Explain types of Network topologies in detail.

3 (A) What is Transmission media ? Explain Types of Transmission media in detail.

(B) Explain TCP/IP network model with 4 layers in detail.

4 (A) What is multiplexing ? Explain Types of Multiplexing in detail.

(B) What is switching ? Explain switching techniques in detail.

5 (A) What in Network Protocols ? Explain any three Network Protocols in detail.

(B) What is Network Devices ? Explain any three network devices in detail.

6 (A) What is routing ? Explain Routing protocol in detail.

(B) Explain connection less and connection oriented protocol in detail.

7 (A) What is IP address ? Explain Types of IP address in detail.

(B) Explain the requirement of routing in detail.

8 (A) Write down the steps to Installation of 2008 enterprise server in detail.

(B) Explain the basic structure of IPv6 in detail.

9 (A) What is Network security ? Explain security methods in detail.

(B) Explain various edition of windows 2008 server in detail.

10 (A) What is internet ? Explain technology related internet in detail.

(B) Explain Requirement of network Security in detail.

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