



0032034003

Seat No. _____

BACHELOR OF COMPUTER APPLICATION (W.E.F. 2019) Examination

BCA (2019) SEMESTER-4 APRIL-2025

CS-21 NETWORK TECHNOLOGY AND ADMINISTRATION

Faculty Code :003

Subject Code : 0032034003

Time : 2.5Hours]

[Total Marks : 70

1 (a) Attempt the following :

4

- 1 MAN stands for _____.
- 2 CDDI stands for _____.
- 3 IP stands for _____.
- 4 TCP stands for _____.

(b) Attempt any one :

2

- 1 What is Disk Quota ?
- 2 What is Network ?

(c) Attempt any one :

3

- 1 Explain Polling.
- 2 Explain Peer to Peer Network.

(d) Attempt any one :

5

- 1 Explain TCP/IP Model.
- 2 Explain OSI Reference Model

2 (a) Attempt the following :

4

- 1 WDM stands for _____.
- 2 CDM stands for _____.
- 3 FDM stands for _____.
- 4 TDM stands for _____.

(b) Attempt any one :

2

- 1 Explain Laser.
- 2 Explain Infrared.

- (c) Attempt any one : 3
- 1 Explain Modem.
 - 2 Explain Circuit Switching.
- (d) Attempt any one : 5
- 1 Explain Twisted Pair Cable and Co-Axial Cable in detail.
 - 2 Explain Microwave and Bluetooth in detail.
- 3 (a) Attempt the following : 4
- 1 HTTP stands for _____.
 - 2 UDP stands for _____.
 - 3 What is Network Packet ?
 - 4 What is Network Protocol ?
- (b) Attempt any one : 2
- 1 What is Routing ?
 - 2 What is Default Routing ?
- (c) Attempt any one : 3
- 1 Explain Link State Routing Protocol.
 - 2 Explain RFCOMM.
- (d) Attempt any one : 5
- 1 Explain Exterior Routing Protocol.
 - 2 Explain Distance Vector Routing Protocol.
- 4 (a) Attempt the following : 4
- 1 What is IP Address ?
 - 2 MMC Stands for _____.
 - 3 What is Domain in Windows Server ?
 - 4 What is Active Directory ?
- (b) Attempt any one : 2
- 1 What is Subnetting ?
 - 2 What is Supernetting ?
- (c) Attempt any one : 3
- 1 Explain Logging Events.
 - 2 Explain Security and Audit in details.

(d) Attempt any one :

5

- 1 Explain MMC.
- 2 Write steps of Windows Server 2008.

5 (a) Attempt the following :

4

- 1 CIA Stands for_____.
- 2 ISDN Stands for_____.
- 3 VPN Stands for_____.
- 4 PPTP Stands for_____.

(b) Attempt any one :

2

- 1 Explain L2TP.
- 2 Explain IPSec.

(c) Attempt any one :

3

- 1 Explain Firewall.
- 2 Explain Proxy Server.

(d) Attempt any one :

5

- 1 Explain CIA Model.
- 2 Explain CCTV.

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