



DAH-003-00340900

Seat No. _____

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

April - 2022

CS-21 : Network Technology & Administration
(Old Course)

Faculty Code : 003

Subject Code : 00340900

Time : $2\frac{1}{2}$ Hours]

[Total Marks : 70

- 1 (A) Attempt following : 4
- (1) Write full form of WAN
 - (2) Write full form of FDDI
 - (3) Write full form of TCP/IP
 - (4) Write full form of CSMA/CA
- (B) Attempt following (any one) 2
- (1) What is Disk quota? List out its types
 - (2) Which are Network Access Methods?
- (C) Attempt following : (any one) 3
- (1) Which are Advanced Network Topologies? Explain any one.
 - (2) Which are Network communication methods? Explain any one.
- (D) Attempt following : (any one) 5
- (1) Write short note on OSI reference model
 - (2) Write short note on Network Models
- 2 (A) Attempt following : 4
- (1) Write full form of STP
 - (2) Write full form of NIC
 - (3) Write full form of DSL
 - (4) What is Access point?
- (B) Attempt following : (any one) 2
- (1) Explain BROUTER
 - (2) Explain MODEM

- (C) Attempt following : (any one) 3
 (1) Which are Switching techniques? Explain any one.
 (2) Differentiate: STP v/s UTP.
- (D) Attempt following : (any one) 5
 (1) Write short note on Types of Transmission media
 (2) Explain Layer 3 Network devices.
- 3** (A) Attempt following : 4
 (1) Write full form of UDP
 (2) Write full form of HTTP
 (3) Write full form of FTP
 (4) Write full form of SMTP
- (B) Attempt following : (any one) 2
 (1) Explain Connection oriented protocol
 (2) Explain SNMP protocol
- (C) Attempt following : (any one) 3
 (1) Explain IPX/SPX protocols
 (2) Explain Appletalk protocol
- (D) Attempt following : (any one) 5
 (1) Write short note on Routing protocols
 (2) Write short note on TCP/IP STACK
- 4** (A) Attempt following : 4
 (1) What is IP address?
 (2) Write full form of IPv4
 (3) What is Server?
 (4) Which are the editions of Windows 2008 Server?
- (B) Attempt following : (any one) 2
 (1) What is Domain, Tree and Forest?
 (2) Explain basic structure of IPv6
- (C) Attempt following (any one) 3
 (1) Explain migration from IPv4 to IPv6
 (2) Explain Active Directory
- (D) Attempt following : (any one) 5
 (1) Explain Class structure of IPv4
 (2) Write Steps to install Windows 2008 enterprise server

- 5** (A) Attempt following : **4**
- (1) Write full form of L2TP
 - (2) Write full form of GPS
 - (3) Write full form of GPRS
 - (4) Write full form of CCTV
- (B) Attempt following : (any one) **2**
- (1) Explain ISDN network technology
 - (2) Explain requirements of Network Security
- (C) Attempt following : (any one) **3**
- (1) Explain Proxy Server
 - (2) Explain network security methods
- (D) Attempt following (any one) **5**
- (1) Write short note on VPN
 - (2) Write short note on CIA Model.
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