



Seat No. _____

HJ-003-00340900
B. C. A. (Sem.-IV) (CBCS)
(W.E.F. 2016) Examination
April - 2023

CS-21 : Network Technology & Administration

Faculty Code : 003
Subject Code : 00340900

Time : $2\frac{1}{2}$ Hours / Total Marks : 70

- 1 (a) Objective type questions: 4
(1) What is Computer Network?
(2) What is the Full Form of CDDI?
(3) What is the Full Form of TCP/IP?
(4) Which is the last Layer of OSI Reference Model?
- (b) Attempt any One out of Two: 2
(1) What is Use of Computer network?
(2) What is Compression?
- (c) Attempt any One out of Two: 3
(1) What is Advance Network Topology? Explain any one Topology.
(2) Explain Network Model in detail.
- (d) Attempt any One out of Two: 5
(1) Explain TCP/IP Model in detail.
(2) Explain Network Access Method in detail.
- 2 (a) Objective type questions: 4
(1) What is Guided media?
(2) DSL Stands for _____.
(3) Infrared is _____ Media.
(4) TDM Stands for _____.
(b) Attempt any One out of Two: 2
(1) What is Bluetooth?
(2) What is DSL?

- 2 (c) Attempt any One out of Two: 3
 (1) Explain Fiber Optic Cable.
 (2) Draw classification chart of transmission media.
- (d) Attempt any One out of Two: 5
 (1) Explain Multiplexing in detail.
 (2) Explain Layer 1 Devices in detail.
- 3 (a) Objective type questions: 4
 (1) What is Full Form of SNMP?
 (2) What is Protocol?
 (3) IGRP Stands for _____.
 (4) RARP Stands for _____.
- (b) Attempt any One out of Two: 2
 (1) What is Connection Less Protocol?
 (2) What is Routing Protocol?
- (c) Attempt any One out of Two: 3
 (1) Explain IPX/SPX Protocol.
 (2) Draw Classification Chart of Routing Protocol.
- (d) Attempt any One out of Two: 5
 (1) Write a note on Routing Protocol.
 (2) Explain any Five TCP/IP Stack Protocol.
- 4 (a) Objective type questions: 4
 (1) What is Full form of IPV4 ?
 (2) List out Classes of IP Address.
 (3) Which are the First Editions of Windows server 2008.
 (4) What is Domain?
- (b) Attempt any One out of Two: 2
 (1) What is IPV4 Address?
 (2) What is Active Directory?
- (c) Attempt any One out of Two: 3
 (1) Explain Basic Structure of IPV6.
 (2) Explain Logging Events in Detail.
- (d) Attempt any One out of Two: 5
 (1) Explain Class Structure of IPV4.
 (2) Explain Accounts With its Types.

- 5** (a) Objective type questions: **4**
- (1) What is Full form of CIA in CIA Model?
 - (2) What is Encryption?
 - (3) What is Full form of GPRS?
 - (4) Give full form of ISDN.
- (b) Attempt any One out of Two: **2**
- (1) What is Proxy Server?
 - (2) What is Policies?
- (c) Attempt any One out of Two: **3**
- (1) Explain Requirement of network Security.
 - (2) How Internet is Connecting with Computer.
- (d) Attempt any One out of Two: **5**
- (1) Explain VPN Protocol in Detail.
 - (2) Explain Technology Related Internet.
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