HJ-003-1044003

B. Sc. (I.T) (Sem.-IV) (CBCS)

(W.E.F. 2016) Examination

April - 2023

CS-21 : Network Technology & Administration

Faculty Code : 003

Subject Code : 1044003

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

1	(A)	Objective type questions:	4
		(1) List Network Access Methods.	
		(2) What is network?	
		(3) Csma Stands for _____.	
		(4) What is Multicasting?	
	(B)	Attempt any one out of two:	2
		(1) Explain Print service.	
		(2) OSI and CDDI Stands for.	
	(C)	Attempt any one out of two:	3
		(1) Explain Ring Topologies.	
		(2) List and explain Communication Methods.	
	(D)	Attempt any one out of two:	5
		(1) List and Explain Network Services in detail.	
		(2) Explain Mesh Topologies in details.	
2	(A)	Objective type questions:	4
		(1) What is Demultiplexing.	
		(2) TDM Stands for _____.	
		(3) WDM Stands for _____.	
		(4) List Ipv-4 class.	
	(B)	Attempt any one out of two:	2
		(1) Explain Circuit Switching.	
		(2) Explain Co - Axial CablePair Cable.	

(C) Attempt any one out of two: 3
    (1) Explain subnetting in detail.
    (2) Write note on Packet Switching.

(D) Attempt any one out of two: 5
    (1) Write a detail note on ipv6.
    (2) Explain in detail Multiplexing and Demultiplexing.

3 (A) Objective type questions: 4
    (1) SMTP Stands for _____.
    (2) RARP Stands for _____.
    (3) List wireless network devices.
    (4) List LAYER3 devices for network.

(B) Attempt any one out of two: 2
    (1) Write uses of ROUTER.
    (2) Write uses of REPEATER.

(C) Attempt any one out of two: 3
    (1) Write note on Wireless router.
    (2) Explain RFCOMM Protocol with Detail.

(D) Attempt any one out of two: 5
    (1) Write note on BRIDGE.
    (2) Deference between HTTP vs. SMTP.

4 (A) Objective type questions: 4
    (1) EIGRP Stands for _____.
    (2) RIP Stands for _____.
    (3) MMC Stands for _____.
    (4) What is routing _____.

(B) Attempt any one out of two: 2
    (1) What is Logging Event?
    (2) Explain Security Policy.

(C) Attempt any one out of two : 3
    (1) Explain Distance Vector Routing.
    (2) Explain dynamic Routing in detail.

(D) Attempt any one out of two: 5
    (1) Write note on Requirements of routing.
    (2) Write step of Installation of 2008 enterprise server.

5 (A) Objective type questions: **4**

      (1) L2TP Stands for _____.

      (2) ISDN Stands for _____.

      (3) What is. Encryption?

      (4) List Types of VPN.

  (B) Attempt any one out of two : **2**

      (1) Explain VPN protocols.

      (2) Write uses of GPRS.

  (C) Attempt any one out of two: **3**

      (1) Explain Security Principal of CIA model.

      (2) Write note on Dial up technology.

  (D) Attempt any one out of two: **5**

      (1) Explain Security methods in detail.

      (2) Explain Proxy server and Firewall with detail.

———————