



RAI-003-1044003

Seat No. _____

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

March / April – 2019

CS - 21 : Network Technology and Administration

Faculty Code : 003

Subject Code : 1044003

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

[Total Marks : 70

- 1(A) Objective type questions: 04**
1. CSMA/CA Stands for _____,
 2. LAN Stands for _____.
 3. TCP/IP Stands for _____.
 4. CDDI Stands for _____.
- (B) Attempt any one out of two. 02**
1. What is network?
 2. What is Token Passing?
- (C) Attempt any one out of two. 03**
1. Explain Bus topology.
 2. Explain Network Services
- (D) Attempt any one out of two. 05**
1. Explain OSI reference model with 7 layers.
 2. Explain Communication Methods
- 2(A) Objective type questions: 04**
1. FDM Stands for _____.
 2. TDM Stands for _____.
 3. WDM Stands for _____.
 4. CDM Stands for _____.
- (B) Attempt any one out of two. 02**
1. What is IP address?
 2. What is multiplexing?
- (C) Attempt any one out of two. 03**
1. Explain Switching Technology.
 2. Explain Unguided Media.
- (D) Attempt any one out of two. 05**
1. Explain IPV4 & IPV6.
 2. Explain Guided media.
- 3(A) Objective type questions: 04**
1. HTTP Stands for _____.
 2. FTP Stands for _____.
 3. SMTP Stands for _____.
 4. RARP Stands for _____.

(B) Attempt any one out of two.	02
1. What is AppleTalk?	
2. What is L2CAP?	
(C) Attempt any one out of two.	03
1. Explain any one Layer3 devices.	
2. Explain wireless network devices.	
(D) Attempt any one out of two.	05
1. Explain any two layer 2 device.	
2. Explain any two layer 1 device.	
4(A) Objective type questions:	04
1. BGP Stands for _____.	
2. MMC Stands for _____.	
3. RIP Stands for _____.	
4. OSPF Stands for _____.	
(B) Attempt any one out of two.	02
1. What is routing?	
2. What is Logging Events?	
(C) Attempt any one out of two.	03
1. Explain Types of Routing.	
2. Write a steps of Installation of 2008 Enterprise server.	
(D) Attempt any one out of two.	05
1. Explain Distance Vector Routing.	
2. Explain Policy of active directory.	
5(A) Objective type questions:	04
1. PPTP Stands for _____.	
2. L2TP Stands for _____.	
3. VPN Stands for _____.	
4. GPRS Stands for _____.	
(B) Attempt any one out of two.	02
1. What is Firewall?	
2. What is Proxy Server?	
(C) Attempt any one out of two.	03
1. Explain Protocols of VPN.	
2. Explain Security Principal of CIA model	
(D) Attempt any one out of two.	05
1. Explain Security Methods.	
2. Explain Dial up and Lease Line Technology.	