



MAY-003-003409

Seat No. _____

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

March / April - 2018

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

Faculty Code : 003

Subject Code : 003409

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

[Total Marks : 70

1 Answer the following questions : 20

- (1) What is network?
- (2) IGRP stands for _____
- (3) List out the OSI reference model layers.
- (4) What is Microwave Transmission?
- (5) The UDP is a Connection oriented protocol.
(TRUE/FALSE)
- (6) List types of Routing.
- (7) Peer to Peer network does not have _____
- (8) SMTP stands for _____
- (9) What is Access Point?
- (10) How many types of logging events are occurs?
- (11) What is frequency?
- (12) RIP stands for _____
- (13) What is TELNET ?
- (14) Full form of DHCP is _____
- (15) What is Broadcasting ?
- (16) The main function of Transport Layer is _____
- (17) FDM stands for _____
- (18) The Protocol is _____
- (19) Which switching technique uses store and forward technique?
- (20) CDDI stands for _____

- 2** (A) Attempt any **three** : **6**
- (1) Write a note on LAN Card.
 - (2) Explain File service.
 - (3) Explain : GPRS
 - (4) Explain Disk Quota.
 - (5) Explain Client - Server networking.
 - (6) Explain : Proxy Server.
- (B) Attempt any **three** : **9**
- (1) Write a note on Security Policy.
 - (2) Explain MODEM.
 - (3) What is forest ?
 - (4) Explain SPX.
 - (5) Explain : MMC
 - (6) Write a note on firewall.
- (C) Attempt any **two** : **10**
- (1) Explain Cryptography in brief.
 - (2) Explain STAR and RING topology.
 - (3) What is OSI reference model ? Explain any two layers.
 - (4) Write a note on Switch and Router.
 - (5) Explain : Fiber Optic Cable.
- 3** (A) Attempt any **three** : **6**
- (1) Explain IPX.
 - (2) Write a note on Dial up Technology.
 - (3) Explain Lease line.
 - (4) What is Bandwidth? Explain it.
 - (5) Write a note on FDDI.
 - (6) Explain: Communication Methods.

- (B) Attempt any **three** : **9**
- (1) Explain IPv4.
 - (2) Explain Twisted pair cable.
 - (3) Explain BGP
 - (4) Explain Logging Event's
 - (5) Explain Bluetooth technology.
 - (6) Explain : AppletTalk
- (C) Attempt any **two** : **10**
- (1) Explain CIA Model in detail.
 - (2) Write a note on VPN.
 - (3) Explain LAYER 3 Devices.
 - (4) What is Multiplexing? Explain its types.
 - (5) Explain : CCTV, GPS.
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