



NAX-003-003409

Seat No. _____

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

March / April - 2017

CS-21 : Network Technology & Administration

Faculty Code : 003

Subject Code : 003409

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

[Total Marks : 70

1 Answer the following question : 20

- (1) What is polling?
- (2) What is network?
- (3) The amplitude is measures the strength of the waveform.
(True / False)
- (4) What is frequency ?
- (5) Give the full form: L2CAP, ADSL
- (6) What is clocking?
- (7) What is packet?
- (8) The UDP is a connection -oriented protocol.
(True / False)
- (9) IP Class C type supports 254 hosts on each of 2 million
networks. (True / False)
- (10) What is tree?
- (11) Give the full form: WDM, RIP
- (12) What is cypher text?
- (13) Give the full form: FDDI, SMTP

- (14) The term used to describe communication method where a piece of information is sent from one point to another point is known as...
- (15) The bus network topology cost is very less. (True / False)
- (16) list the OSI reference model layer.
- (17) Give the full form : IGRP, DNS
- (18) What is protocol?
- (19) Give the full form : BNC, UDP
- (20) Give the full form : RARP, TDM

2 (a) Answer the following question : (Any **Three**)

6

- (1) What is distance vector routing?
- (2) What is MODEM?
- (3) List the different types of switching technique
- (4) List the types of HUB.
- (5) What is peer-to-peer networking?
- (6) What is group type account?

(b) Answer the following question : (Any **Three**)

9

- (1) Explain CDDI.
- (2) Explain Infrared.
- (3) Explain LAN, card.
- (4) Explain NetBIOS name protocol.
- (5) Explain OSPF.
- (6) Explain Repeaters.

(c) Answer the following question : (Any Two) 10

- (1) Explain BUS and STAR topology.
- (2) Explain Coaxial cable.
- (3) Explain VPN
- (4) Give the difference between Switch V/s Router
- (5) Explain CIA model.

3 (a) Answer the following question : (Any Three) 6

- (1) What is authorization?
- (2) What is forest?
- (3) What is link state routing?
- (4) What is GPRS?
- (5) What is broadcast communication method?
- (6) What is Lease line?

(b) Answer the following question : (Any Three) 9

- (1) Explain Proxyserver.
- (2) Explain IPv4.
- (3) Explain Logging event's.
- (4) Write a Note on Active Directory
- (5) Explain Firewall.
- (6) Explain BGP.

(c) Answer the following question : (Any Two)

10

- (1) Explain IPX and SPX protocol.
- (2) Explain Bluetooth technology.
- (3) Explain.-Cryptography.
- (4) Explain Security Policy.
- (5) Give the difference between Multiplexing V/s
De-multiplexing.