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.

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