



MAZ-003-004404 Seat No. _____

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

March / April - 2018

CS - 22 : Computer Network Technology

Faculty Code : 003

Subject Code : 004404

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

[Total Marks : 70

SECTION-I

1 Attempt All Questions : 20

- (1) Bluetooth was ratified as _____.
- (2) BISDN requires which type of cables?
- (3) Frame relay puts data in a variable-size unit called a _____
- (4) Routing is the important area of Network Management?
- (5) Full form of SNMP is _____
- (6) Old is better than new is often called which Policy ?
- (7) When too many packets are present in (a part of) the subnet, performance degrades. This situation is called as what?
- (8) What is protocols?
- (9) How unicast works ?
- (10) If Host machine don't know their MAC Address than which protocol is used ?
- (11) Which method is used to establish Transport Connection?
- (12) When one party hangs up, the connection is broken, is which type of release?
- (13) TCP Establish Connection in which manner?
- (14) LDAP directory is organized in a simple _____ hierarchy.

- (15) _____ is a Standard Network Protocol for transmitting messages to e-mail server in the Internet.
- (16) TFTP uses _____ for transporting data.
- (17) SIP described in RFC ?
- (18) One to many Streaming of Real time Audio/Video Application have how much Delay ?
- (19) Which is a public-domain protocol for providing user interactivity?
- (20) How many types of ip address ?

SECTION-II

- 2 (A) Answer any three : 6**
- (1) What is Static and Dynamic Web Pages?
 - (2) What is HTTP?
 - (3) What is H.324?
 - (4) What is Integrated Services?
 - (5) What is Network Infrastructure?
 - (6) What is 802.11a and 802.11b ?
- (B) Answer any three : 9**
- (1) Explain FTP.
 - (2) Explain Browser Cache.
 - (3) Explain Streaming Stored Audio and Video Applications.
 - (4) Explain Bootstrap Protocol.
 - (5) Explain SMDS.
 - (6) Explain ISDN.
- (C) Answer any two : 10**
- (1) Explain Remote Login.
 - (2) Explain Scheduling and Policing in detail.
 - (3) Explain DHCP in detail.
 - (4) Explain X.25
 - (5) Explain ATM in detail.

- 3** (A) Answer any **three** : **6**
- (1) What is Jitter Control?
 - (2) What is Fragmentation?
 - (3) What is Packet Switching?
 - (4) What is MIME?
 - (5) What is POP3?
 - (6) List of the Performance Issue of Networking.
- (B) Answer any **three** : **9**
- (1) Explain Firewall.
 - (2) Explain IP Address.
 - (3) Difference between Virtual circuit v/s Datagram Subnet.
 - (4) Difference between IPv4 v/s IPv6.
 - (5) Explain Transport Service Primitives.
 - (6) Explain TCP Timer Management.
- (C) Answer any **two** : **10**
- (1) Explain Dynamic Routing Algorithm.
 - (2) Explain Congestion Prevention Policies.
 - (3) Explain TCP with its Header.
 - (4) Difference between TCP v/s UDP.
 - (5) Explain Domain Name System with Domain Name Space.
-