

Enrollment No: _____

Exam Seat No: _____

C.U.SHAH UNIVERSITY

Summer Examination-2017

Subject Name: Next Generation Networks

Subject Code: 4TE08NGN1

Branch: B.Tech (CE)

Semester: 8

Date: 18/04/2017

Time: 02:30 To 05:30

Marks: 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
 - (2) Instructions written on main answer book are strictly to be obeyed.
 - (3) Draw neat diagrams and figures (if necessary) at right places.
 - (4) Assume suitable data if needed.
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Q-1 Attempt the following questions: (14)

- a) Which layer links the network support layers and user support layers?
 - a) session layer b) data link layer
 - c) transport layer d) network layer
- b) Which address identifies a process on a host?
 - a) physical address b) logical address
 - c) port address d) specific address
- c) What is the objective of TFTP?
- d) How Many bytes is an IPv6 address?
- e) What is Subnet Mask?
- f) What is public IP address?
- g) Define Topology.
- h) What is the full form of DHCP?
- i) List the Application of Network.
- j) What is the Use of ipconfig and Ping -t?
- k) Define Physical Address.
- l) List out the examples of Connection Oriented Service.
- m) What is FQDN?
- n) Difference between Hub and Switch.

Attempt any four questions from Q-2 to Q-8

Q-2 Attempt all questions (14)

- a) Explain Transport Layer and Application Layer Protocol in TCP/IP Suit.
- b) Explain Local Area Networks (LAN), Point-to-Point WAN, Switched WAN with examples.

Q-3 Attempt all questions (14)

- a) If Sender assign IP Address as 169.143.139.43 and subnet mask as 221.240.12.0



