

DR. BABASAHEB AMBEDKAR TECHNOLOGICAL UNIVERSITY, LONERE

Mid Semester Examination – March 2019

Course: B. Tech in Information Technology

Sem: I

Subject Name: Internetworking Protocol

Subject Code: BTITC404

Max Marks: 20

Date:-14/03/2019

Duration:- 1 Hr.

Instructions to the Students:

1. All questions are compulsory.
2. Assume suitable data whenever necessary
3. Use of non-programmable scientific calculator is allowed.

CO - Marks

Q.1 Attempt any two of the following

1. Which class of IP address provides a maximum of only 254 host addresses per network ID?

CO3

- A. Class A B. Class B C. Class C D. Class D

CO3

2. What is the address range of a Class B network address in binary?

- A. 01xxxxxx B. 0xxxxxxx C. 10xxxxxx D. 110xxxxxx

CO1

3. Which one of the following is a transport layer protocol used in networking?

- A) TCP B) UDP C) Both TCP and UDP D) None of the mentioned

CO3

4. The class-based addressing is also known as \_\_\_\_\_ Model

- A. Modern B. Classful C. Classless D. Heterogeneous Model

CO3

5. \_\_\_\_\_ deals with the issues of creating and maintaining routing tables.

- A) Forwarding B) Routing C) Directing D) none of the above

CO4

6. If Host A and Host B are connected with two intermediate routers how many no. of network layer and data link layer it requires

- A. 2 Network Layer 4 data link Layer  
B. 3 Network Layer 3 data link Layer  
C. 4 Network Layer 6 data link layer  
D. 6 Network Layer 4 Data link Layer

Q.2 Solve Any Two of the following.

- (A) With the help of neat diagram explain Packet Switching and Circuit Switching.

CO2

3 X 2