

SESSIONAL ONE EXAMINATION
B. TECH, December- 2021

Paper Code: PCC-CSE-303G

Subject: Computer Networks

Time: Two Hours

Max. Marks: 30

Note: Attempt any *three* questions including Q.no. 1 which is compulsory. All questions carry equal marks.

Q.1. (a) Find network address of given IP address 200.168.10.20/28. (10)

- (b) What is TCP 3-Way Handshake Process.
- (c) Difference between connection less and connection-oriented services.
- (d) Explain controlled access protocol.

Q.2. (a) Give complete description about ISO-OSI reference model. (10)

OR

- (b) Explain TCP/IP model in detail. (10)

Q.3. (a) Define network topology. Explain different types of Network Topologies in detail. (10)

OR

- (b) (i) What do you mean by CSMA collision detection explain? (10)
- (ii) Explain circuit, Message and Packet switching techniques.
