

MSC Computer Science 2<sup>nd</sup> Semester Examination, 2019 ( under DDE)

Subject: Computer Science Paper: MCS 203

FM 22.5

Time 1 hour

Answer question no 1 and any three questions from the rest

1. Write the function of Network Layer and Datalink Layer 7.5
2. Write the hamming algorithm for error correction 5
3. Write the working principle of Packet Filter 5
4. Write any one dynamic routing algorithm 5
5. How do you open a TCP connection? 5
6. Discuss on Secret Key Cryptography 5