## Mid – Semester Examination September 2022

## **MCA V Semester**

Paper MCAE 513(223402513)

**Mobile and Satellite Communication Networks** 

Maximum Marks: 30

Q1. What Is GSM? Explain its architecture in detail. (10)

Q2. What do you understand by handoff? Differentiate between Hard handoff and soft hand off. (5)

Q3.

Time: 1 hrs

Q4.

Test Hid SomesHer MEA STE SOMEOFET Mobile + Sale communities. Full Morres - 15 : Time thousand Answer ary three outstong. (All questions corry equal marky) what is displacement currents there is different from commenter comme (9) How is electromagnetic were a radiated in Spacefrom Antenna 7 01. Deduce electromagnetic wave equation as fraction of time and space. what is plane ware? & How is it what is much path fading? store de Spherical In a congested area, The receiving Aniems direct wave and two reflected the chirect wove would there feeting at receiver that mach valiation majecce? what is Ampstitude shift kering? what sweet my Ase?