

Mid-Semester Examination September 2022

MCA V Semester

Paper MCAE501 (223402501)

Cyber Security

Time: 1 hour

Q1. Differentiate among/between **any five**:

- a. Cyberspace, Internet, and Internet of Things.
- b. Cybercrime and cyberterrorism.
- c. Threats and Vulnerabilities.
- d. Bluetooth classic and Bluetooth Low Energy.
- e. Denial of Service and Distributed Denial of Service attacks.
- f. Originator and Addressee.
- g. Automated and targeted attacks

Q2. Briefly explain **any three**:

- a. IoT Enablers
- b. SCADA
- c. CIA triad
- d. "Key pair" in IT Act 2000.

Q3. Who is a hacker? Explain different types of Cyber criminals.

Q4. What is Tunnelling? Briefly explain some connectivity technologies that are used in IoT?