**Department of Compute Science.**

**MCA, Semester-IV**

**Assignment # 5**

**Cryptography and Network Security**

**Last date of online submission: 04.06.2020**

1. What are the five principal services provided by the PGP? Briefly explain.
2. In the PGP Scheme, what is the expected number of session keys generated before a previously created key is produced?
3. What parameters identify an SA( Security Association ) and what parameters characterize the nature of a particular SA?
4. List and briefly define three classes of intruders? What are three benefits that can be provided by an intrusion detection system?
5. Why do we use Firewalls? What are their limitations? Discuss various types of Firewalls.