**Department of Compute Science.**

**MCA, Semester-IV**

**Assignment #3**

**Cryptography and Network Security**

* **Last date of online submission : 30.04.2020**

1. What types of attacks are addressed by message authentication ?
2. What two levels of functionality comprise a message authentication or digital signature mechanism?
3. What are some approaches to producing message authentication ?
4. When a combination of synthetic encryption and an error code is used for message authentication , in what order must the two functions be performed ?
5. What is a message authentication code?