Paper / Subject Code: 60114 / Elective II : Cyber Security & Laws.

Q.P.Code: 39407

Time : 3 Hours

Marks: 80

N.B.:1) Q.1 is compulsory

2) Attempt any **three** from remaining **five** questions

3) All questions carry equal marks

Q.1 a). Explain in detail mitigation techniques for DOS and DDOS attack. [10]

b). Explain various challenges posed by mobile devices and their counter measures. [10]

Q.2a). Explain social Engineering. What are the security threats that can emanate from social networking sites? [10]

b). Explain various types of phishing attacks and its countermeasures. [10]

Q.3a). Explain in detail Cyber defamation and various types cyber criminals. [10]

c) What do you mean by cyber stalker? Discuss types of stalker and their mitigation technique. [10]

Q.4 a). What is buffer overflow problem? How NOPS are uses to cause buffer Overflow problem? Discuss 3 tools used to defend buffer overflow problem [10]

b) Explain the legal framework of electronic data exchange. [10]

Q.5 a). Explain cloud computing with cyber-attacks. [10]

b). Explain Cyber crime and Criminal Justice in Indian IT Act 2000. [10]

Q.6 Short note on (any two) [20]

a) The intellectual Property Aspect in Cyber Law

b) Laws related to Electronic Banking

c) Identify theft