M.C.A. / SEM V (CBSGS)

CYBER SECURITY

NOV '16

QP CODE : 516600

(3 Hours)   Total Marks: 80

N.B. (1) Question No. **1** is **compulsory**.
 (2) Attempt any **four** from the remaining **six** questions.
 (3) Illustrate answers with neat sketches wherever required.
 (4) Answers to questions should be **grouped** and written **together**.

Q. 1 (a)   What is Cyberstalking? Is it a Cybercrime under India IT Act?   10

 (b)   Explain Cost of Cybercrimes and IPR Issues with suitable diagram.   10

Q.2 (a)   What kinds of attacks are possible on mobile/cellphones? Explain.   8

 (b)   Define strengths and limitations of ITA 2000.   7

Q. 3 (a)   How are Cybercrimes classified? Explain with examples.   8

 (b)   Electronic Signatures in Global & National Commerce Act (E-Sign).   7

Q. 4 (a)   Write a short note on "Indian Legal Perspective on Cybercrime".   8

 (b)   What is Cyberlaw? Explain.   7

Q. 5 (a)   What are different phases during attack on the network?   8

 (b)   What is Phishing? Explain with examples   7

Q. 6 (a)   The Child Online Protection Act (COPA).   8

 (b)   Difference between Trojan Horses and Backdoors?   7

Q. 7 Write the short notes on any three   15

 (a)   Botnets.

 (b)   Identity Theft.

 (c)   Virus and Worms with their types.

 (d)   Difference between DoS and DDoS.