322833(22)

B. E. (Eighth Semester) Examination, April-May 2021

(New Scheme)

(CSE, IT Branch)

CYBER SECURITY

Time Allowed : Three hours

Maximum Marks : 80

Minimum Pass Marks : 28

Note : *Attempt all questions. Part (a) is compulsory. Attempt any two from (b), (c) & (d) from each unit.*

Unit-I

1.　(a)　What is Cyber Crime and Criminals?　　2

　　(b)　What are the Cyber Security concepts?　　7

(c) Describe the types of Cyber Crime and Cyber Criminals.   7

(d) Define the principle of Web Securities.   7

Unit-II

2. (a) What is Cyber Attack?   2

(b) Explain Cyber fraud techniques.   7

(c) Explain Botnet and Fast flux.   7

(d) Write short notes on :   7

   (i) Rogue antivirus

   (ii) Use of Proxies

Unit-III

3. (a) What is Cyber Exploitations?   2

(b) Explain shell code and buffer overflows.   7

(c) What is SQL injection? Give suitable example.   7

(d) Explain Cross Site Scripting (XSS) and War Xing.   7

Unit-IV

4. (a) Explain the limitation of IT Acts.   2

(b) What is e-governance and Digital signature recognition?   7

(c) What is IT Act 2000 and act for Cyber Crime & offences?   7

(d) What is Cyber Regulation Appellate Tribunel and Penalties?   7

Unit-V

5. (a) What is Software Copyright?   2

(b) Explain and distinguish between IT Act and Civil Producer Code.   7

(c) Explain Patent Law and Trademark Law.   7

(d) Explain Online Dispute Resolution (ODR).   7