

Printed Pages-3

Roll No. ....

**322833(22)**

APR-MAY 2022

**B. E. (Eighth Semester) Examination, 2020**

**(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).***

**Unit-I**

**1. (a) Define the term Cyber Security.**

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- (b) Explain Authentication, Authorization & Non-Repudiation in brief. 7
- (c) Explain : 7
- (i) Confidentiality
- (ii) Availability
- (d) Describe any three types of Cyber Crime with help of examples. 7

### Unit-II

2. (a) What do you mean by Phishing? 2
- (b) Explain any two tunneling techniques. 7
- (c) Write short note on Botnets. 7
- (d) Explain Pay-Per-Click Business Model. 7

### Unit-III

3. (a) Define the term Exploitation. 2
- (b) Explain DNS Amplification Attacks. 7

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- (c) Write short note on Social Engineering. 7
- (d) Using suitable example explain SQL injection. 7

### Unit-IV

4. (a) Define Cyber Crime. 2
- (b) Write short notes on : 7
- Network Service Providers Liability
- (c) Give a brief overview of IT Act, 2000. 7
- (d) Explain Cyber Crime & Offences. 7

### Unit-V

5. (a) What do you mean by Copyright? 2
- (b) Define Trademark & explain law associated with it in India. 7
- (c) Write short notes on : 7
- Online Dispute Resolution
- (d) Explain Electronic Database & its protection in detail. 7