

[Total No. of Questions: 09]

[Total No. of Pages: 2]

Uni. Roll No.

Program: **B-Tech**

Semester: **6th**

Name of Subject: **Cyber Security**

Subject Code: **PCCS-115**

Paper ID: **17191**

Time Allowed: 02 Hours

Max. Marks: 60

NOTE:

- 1) Each question is of 10 marks.
- 2) Attempt any six questions out of nine
- 3) Any missing data may be assumed appropriately

- Q1.** (a) What is Firewall?
(b) Explain Brute Force Attack? How to prevent it?
(c) List out some of the common cyber attacks.
(d) What is role of CCleaner for windows?
(e) What is Cyber Space?
- Q2.** Discuss the different issues and challenges of cybercrime. Also explain the power and characteristics of cyber terrorism.
- Q3.** (a) Write a role of Password Manager Tool.
(b) Describe Cyber Security Assurance.
- Q4.** Explain the meaning of cyber-attack. What are the methods used by cyber-attackers for internally penetrating into the system and kinds of threats.
- Q5.** Various guidelines for secure password and need of two step authentication with configuration.
- Q6.** (a) Write role of Information security. Explain its objectives.
(b) How does computer security pose ethical issues?
- Q7.** What are various ways for recovering from information loss and explain one case study?
- Q8.** (a) Describe cyber security incident handling.
(b) What is Ransom Ware?

Q9. Write down the security Guidelines for following:

- (a) Micro ATM
- (b) Point of Sale (POS)
- (c) Social Engineering
- (d) E-Commerce
- (e) Android and IOS
