

Total No. of Questions: 6

Total No. of Printed Pages: 2

AISSMS College of Hotel Management and Catering Technology, Pune

Seat No:

[0607]/PEC364B/2026/BHMCT_SEM6

TYBHMCT (Sixth Semester) Examination, 2026

PEC364B - CYBER SECURITY

(2023 Pattern)

Time: 2 Hours

Maximum Marks: 40

Instructions: -

- (i) Solve any Four questions**
- (ii) All questions carry equal marks.**
- (iii) Draw diagrams wherever necessary.**
- (iv) Solve any four questions.**

Q1. Explain the terms:

- A) Transmission media [2]**
- B) Cyber Crime [2]**
- C) Phishing [2]**
- D) Threat Modelling [2]**
- E) Firewall [2]**

Q2. A) Explain types of transmission media with examples. [5]

- B) You receive an email from an unknown source asking for your banking details. [5]**
Which type of cyber-crime could this be, and what should you do to avoid becoming a victim?

Q3. A) What do you understand by a malware and explain three common types of malwares? [5]

- B) Describe security threat in detail and give two examples of common security threats. [5]**

Q4. A) Define encryption and explain its purpose in data security. [5]

- B) Explain the significance of the Indian IT Act in regulating cyber activities in India. [5]**

Q5. A) Differentiate between LAN and MAN with examples. [5]

- B) Explain security issues in wireless networks. [5]**

Q6. A) Assess the importance of cybersecurity for hotels.

[5]

B) Explain weak and strong passwords with examples.

[5]