



RAN-2111000106020001

T.Y.B.C.A. (Sem. VI) Examination September - 2025 (Paper - 602) E - Commerce and Cyber Security

Time: 3 Hours]

[Total Marks: 70

સૂચના : / Instructions

- (1) ઉપરોક્ત દર્શાવેલ વિગતો ઉત્તરવહી પર અવશ્ય લખવી.
Fill up strictly the above details on your answer book
- (2) All questions are compulsory.
- (3) Figure to the right indicate full marks.
- (4) Mention your options clearly.

Seat No.:

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Student's Signature

Q-1. Answer in short (Any 7)

14

1. Define M-Commerce and Differentiate with E-Commerce.
2. What is Virus?
3. What is DDOS?
4. Define E-Cash.
5. Define SSL.
6. Define Malware.
7. List out Class of IP4 address and Address range.
8. List out Methods Used in Cyber Threats.

Q-2. Do as Directed [Any Two]

14

1. Explain E-Commerce Framework in detail.
2. What is an ethical hacker and what are the Skills required? List roles and responsibilities?
What are the advantages of Ethical hacking?
3. Define E-Mail Bombing. How Email Bomb attacks work?
4. Explain Man in Middle attack and Email attack in detail.

Q-3. Do as Directed [Any Two]

14

1. Explain E-Commerce Transaction Model in detail.
2. Define Credit Card, Debit Card, Smart Card
3. Explain Components of 1-Way.

Q-4. Do as Directed [Any Two]

14

1. Explain Cyber Squatting, Cyber Smearing, Cyber Stacking with suitable example.
2. Explain firewall in detail.
3. Explain the following networking terms IP Address, MAC Address, DHCP, Router, Bots. Differentiate IP address and MAC address

Q-5. Do as Directed [Any Two]

14

1. Explain SQL Injection in detail.
2. Explain IPR violations and copyright infringement.
3. Write a note on E-Commerce Consumer Applications
4. Types of Hackers