

**2111000106020001**  
**EXAMINATION FEBRUARY - 2024**  
**BACHELOR OF COMPUTER APPLICATIONS**  
**(SIXTH SEMESTER)**  
**E-COMMERCE AND CYBER SECURITY**

[Time: Three Hours]

[Max. Marks: 70]

**Instructions:**

**1. Fill up strictly the following details on your answer book**

- a. Name of the Examination: **BACHELOR OF COMPUTER APPLICATIONS (SIXTH SEMESTER)**
- b. Name of the Subject: **E-COMMERCE AND CYBER SECURITY**
- c. Subject Code No: **2111000106020001**

2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.
5. Answer any two bits out of three given in each question.
6. Each question carries 14 marks.

Seat No:

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Student's Signature

**Q.1 Answer in brief (Any Seven):**

**[14]**

1. Define Bots.
2. What do you mean by E-commerce?
3. What is EFT?
4. What is G2G Transaction?
5. Define cyber smearing.
6. What is importance of Digital Signature?
7. How does SQL injection exploit web applications?
8. Explain importance of ethical hacker.
9. Define E-Wallet.
10. What do you mean by network access equipment? Give its examples.

**Q.2 Attempt Any two.**

- a) What is Firewall? Explain Importance and advantages of it.
- b) Explain IPR Violation in detail with example.
- c) Write a Case Study of SQL Injection.

**[07]**

**[07]**

**[07]**

**Q.3 Attempt Any two.**

- a) Write e-commerce types & explain any two in detail with proper example. [07]
- b) Explain Distributed Denial of Service Attack (DoS) in detail. [07]
- c) Explain Architecture of E-commerce Framework. [07]

**Q.4 Attempt Any two.**

- a) Write a short note on hackers. [07]
- b) Write a short note on: E-Cash. [07]
- c) Explain terminology with proper example. Virus, Worm and Trojans. [07]

**Q.5 Attempt Any two.**

- a) Explain with proper example: cyber-squatting and cyber stacking. [07]
- b) Explain E-Commerce organizational application. [07]
- c) Explain 1-way with its all Component in detail. [07]

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