

**2011000304040061**  
**EXAMINATION OCTOBER 2024 (ATKT EXAM)**  
**BACHELOR OF SCIENCE (COMPUTER SCIENCE)**  
**(FOURTH SEMESTER)**  
**IDS-E-COMMERCE AND CYBER SECURITY**

[Time: As Per Schedule]

[Max. Marks: 50]

**Instructions:**

1. **Fill up strictly the following details on your answer book**
  - a. Name of the Examination: **BACHELOR OF SCIENCE (COMPUTER SCIENCE) (FOURTH SEMESTER)**
  - b. Name of the Subject: **IDS-E-COMMERCE AND CYBER SECURITY**
  - c. Subject Code No: **2011000304040061**
2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

**Q.1 Answer the following questions in short.**

**14**

1. What is Virus? How it differ from worm.
2. What is G2C? List various services under it.
3. Define SSL.
4. Define cyber squatting and cyber smearing.
5. What is E-Commerce? List it's challenges.
6. Define term Hacker. What is Ethical Hacker in cyber security?
7. List categories of internet data.

**Q.2 Answer the following questions.**

**12**

1. Discuss various types of electronic payment system.
2. Discuss the terms privacy, integrity and authentication in terms of E-commerce.

**OR**

1. Discuss components of 1-way in detail with proper diagram.
2. Discuss the terms " Trade Mark" and "CopyRight" in detail.

**Q.3 Answer the following questions.**

**12**

1. Discuss B2B and B2C business models of E-commerce in detail.
2. Discuss any four types of E-payment Systems.

**OR**

1. What is e-mail fraud? Explain various forms of e-mail frauds.
2. What is DoS attack? Discuss various types of DoS in detail.

**Q.4 Write answers for the followings. (Any Three)**

**12**

1. Write short note on IRC related crimes.
2. What do you mean by software piracy? Discuss its types.
3. Discuss various security issues in E-commerce.
4. Write detail note on EDI and EFT?
5. Write short note on Cyber Terrorism.

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