

**Tribhuvan University**  
**Institute of Science and Technology**  
2071

Bachelor Level/ Third Year/ Six Semester/ Science  
**Computer Science and Information Technology (CSc. 356)**  
**(Fundamental of E-Commerce)**

Full Marks: 60  
Pass Marks: 24  
Time: 3 hours

*Candidates are required to give their answers in their own words as far as practicable. The figures in the margin indicate full marks.*

**Attempt all questions.**

**Section A**

(3x10=30)

1. What is e-commerce? Explain the framework of e-commerce.
2. Explain the electronic payments system and its types.
3. Differentiate between B2B and B2c. Explain the major activities of B2C.

**Section B**

(6x5=30)

4. Mention the various advantages and disadvantages of e-commerce.
5. Define EDI and its components.
6. Discuss the application of e-commerce in service sector.
7. Explain the brief architecture of internet.
8. Explain the digital signature and its application.
9. Write short note on: **(Any Two)**
  - a. Hypertext vs Hypermedia
  - b. Credit card with encryption
  - c. Advantages of Data warehouses

