

Tribhuvan University
Institute of Science and Technology
2068

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. How does e-commerce differ from e-business? Discuss the e-commerce success factors.
2. How security in e-commerce systems can be ensured? What mechanisms can be used to enforce the security? What possible vulnerabilities may lead to compromise in client-server security?
3. How layers of EDI ensure transmission of message and data between the trading partners in ecommerce transactions? Also mention the tangible benefits of EDI.

Section B

(6x5=30)

4. Compare and contrast pure Vs. Partial e-commerce. Support your answer with proper examples.
5. Illustrate and explain the components of the information super highway.
6. Describe the functionality of digital wallet. Write the requirements of e-payments.
7. Explain the Mercantile model from the consumer's perspective.
8. How digital documents enhance business data processing. Differentiate physical data warehouse and the logical.

9. What services or functionalities does the e-commerce application architecture consist of?

Discuss briefly. **IOST, TU**

