

Tribhuvan University
Institute of Science and Technology
2075

Bachelor Level / sixth-semester / Science Full marks: 60 **Computer Science and Information Technology(CSC370)** Pass marks: 24
(E-commerce) 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. Differentiate pure e-commerce from partial e-commerce with an example. Describe what features make e-commerce better than traditional commerce.
2. How preserving confidentiality and integrity ensures security in e-commerce? Discuss various mechanisms used to ensure data and message security in e-commerce systems.
3. What is a structured document? How are issues like document constituency, document-oriented process and document-based framework flows considered in a document infrastructure?

Section B (6x5=30)

4. How does e-cash work? List the properties that an e-cash should have?
5. How EDI is used between freight forwarders, international trade, and customs?
6. Differentiate impulsive, patient, and analytical buyers in a mercantile process model.
7. How middleware and structures document interchange. Ensures transparency, transaction security & management, and distributed object management & services in the architectural framework for e-commerce?
8. What do you mean by internet governance? Mention the role of internet society in internet governance.
9. What is the information superhighway? Discuss its components.