

Tribhuvan University
Institute of Science and Technology
2075
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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 indicates full marks.

Attempt all questions.

Section A

[10×3=30]

1. Differentiate pure e-commerce from partial e-commerce with an example. Describe what features make e-commerce better than traditional commerce. [4+6]
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+7]
3. What is a structured document? How the issues like document constituency, document-oriented process and document-based framework flows are considered in a document infrastructure? [3+7]

Section B

[6×5=30]

4. How does e-cash work? List the properties that an e-cash should have? [3+2]
5. How EDI is used between freight forwarders, international trade, and customs? [5]
6. Differentiate impulsive, patient, and analytical buyers in a mercantile process model.[5]
7. How middleware and structures document interchange. Ensures transparency, transaction security & management, and distributed object management & services in the architectural framework for e-commerce? [5]
8. What do you mean by internet governance? Mention the role of internet society in internet governance. [3+2]
9. What is the information superhighway? Discuss its components. [1+4]