Nepal college of information technology

(Unit test)

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| Level: Bachelor | Semester-Spring-2014 | Full Marks: 70 |
| Programme: BE IT | | Pass Mark: 35 |
| Course: Information System | | Time : 2hrs. |

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| *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 the questions. |

1. a. Define Information system. Explain different types of information system from level and functional perspectives. (8)

b. Define System, system boundary, system environment, open system and close system with relevant example. (7)

2. a. What are different types of control in information system? Explain in brief. (8)

b. What are different challenges faced by today’s manager in managing information system? (7)

3. a. Define the term web crawling. What do you mean by navigation? What are rules for good navigation? Also list different models for navigation. (8)

b. Explain the process of web usage mining. (7)

4. a. Differentiate between DSS and MIS. How the DSS does help in decision making? Explain with its components and relevant example. (8)

b. Highlight the role of Expert system in modern business with its block diagram. When and when not to use expert system? (7)

5. Short notes on (any two) 2\*5=10

a. Collaborative Filtering

b. Supply Chain Management System

c. Neural Network

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