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: OODM Through UML | | Time : 2hrs. | |
| *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. What is Analysis and Design? Explain Object Oriented Analysis and Design with example? (7)

b. What is UML? Explain different between real and essential use cases. (8)

2. a. What is visibility? Explain attribute and parameter visibility with example? (7)

b. What is system response and system event? Explain different section of contract with example. 8

3. a. What is class diagram? Explain different section of class diagram with example. (7)

b. List the difference between sequence diagram and system sequence diagram with example. (8)

4. a. Identify actors and use cases of ATM system and draw the use case diagram for ATM SYSTEM. (7)

b. Explain the use of software pattern. Explain Expert pattern with example. (8)

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

i. collaboration diagram

ii. iterative Model

iii. Activity diagram

iv. Sequence diagram

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