

KATHMANDU UNIVERSITY
End Semester Examination
March/April, 2017

Marks Scored:

Level : B.E./B.Sc.

Year : IV

Exam Roll No. :

Time: 30 mins.

Registration No.:

Course : COMP 477

Semester: I

F. M. : 10

Date

APR 10 2017

SECTION "A"
[20 Q × 0.5 = 10 marks]

Encircle the most appropriate answer from the given choices.

- Which of the following is the knowledge that people carry in their minds and is, therefore, difficult to access?
 Explicit knowledge Tacit knowledge
 Procedural knowledge Declarative knowledge
- Which one of the following is a property of knowledge capturing?
 Determining feasibility Choosing appropriate expert
 Taping the expert's knowledge All of the given options
- Knowledge stored in the form of manuals and formalized policies of the company indicates which of the following characteristics of the knowledge?
 Expandable Compressible Diffusible Shareable
- Which of the following is needed to understand relationships between different pieces of information?
 Knowledge Data Information Wisdom
- A project manager trains his juniors and assistants regarding the effective project management skills by telling its learning and experiences in the practical field. This scenario indicates which of the following dimension of nonaka's SECI model.
 Socialization Internalization Externalization Combination
- Grouping ideas or details that are stored and recalled together as a unit is an example of which of the following?
 Inferencing Compilation Chunking Expertise
- Knowledge can be organized by following methods EXCEPT:
 Cataloging Indexing Codifying Projecting
- Knowledge management includes all of the following EXCEPT:
 Gather data Organize data Replication of data Refine data
- Which of the following knowledge can be articulated, codified, and stored in certain media?
 Explicit knowledge Tacit knowledge
 Procedural knowledge Declarative knowledge

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SECTION "B"

[6 Q × 4 = 24 marks]

Attempt *ANY SIX* questions.

1. Explain the KM (Knowledge Management) based upon the involvement of *people*, *technology* and *processes* in overlapping parts..
2. Illustrate by example the possible relationship between *Knowledge*, *information* and *data*.
3. What is the difference between *tacit knowledge* and *explicit knowledge*? Give an example of each.
4. Why is it helpful to view the building of a *KM system as a life cycle*?
5. Give an example in which the use of *multiple experts* is a must.
6. Distinguish between *Intranet* and *Extranet* based upon KM.
7. List the differences between *knowledge* and *information* portals. Discuss the benefits of each.

SECTION "C"

[2 Q × 8 = 16 marks]

Attempt *ANY TWO* questions.

8. Define *Expert System*. What is your understanding of a human expert? How would you select one?
9. How *knowledge codification* does differ from *knowledge creation*? Discuss different codification tools and procedures with suitable examples.
10. Explain briefly the key prerequisites for *knowledge transfer*. Also explain different *types of knowledge transfer* with suitable examples.

