CS/MBA/SEM-3 FT & 5 PT/SM-303/2012-13

2012

COMPUTER AIDED MANAGEMENT

Time Allotted : 3 Hours   *Full Marks :* 70

The figures in the margin indicate full marks.

*Candidates are required to give their answers in their own words
as far as practicable.*

GROUP – A

(Multiple Choice Type Questions)

1.   Choose the correct alternatives from the following :

$$10 \times 1 = 10$$

   i)   Collaborative computing is directly applicable to

   a)   relational database management system

   b)   object oriented database management system

   c)   multimedia database management system

   d)   distance learning.

   ii)   DSS provides support for

   a)   structured decision

   b)   unstructured decision

   c)   structured and unstructured decision

   d)   unstructured and semi-structured decision.

iii) Which of the following is not a factor affecting decision making ?

    a) Information   b) Software

    c) Technology   d) Competition.

iv) Data warehousing refers to

    a) the secure storage of corporate data in a fireproof environment

    b) the integration of multiple large databases into a single repository

    c) a concept that is no longer practical due to the pace of technological change

    d) none of these.

v) OLAP stands for

    a) Online Activation Protocol

    b) Online Analytical Processing

    c) Online Application Processing

    d) Online Auto-Pilot.

vi) Knowledge engineering involves

    a) definition and classification of knowledge

    b) knowledge acquisition, representaion and use

    c) knowledge design

    d) none of these.

vii) Artificial intelligence may have

    a) intelligent agent   b) visual perception

    c) both (a) & (b)   d) none of these.

viii) Fuzzy logic deals with

    a) ambiguous data   b) incomplete data

    c) crisp data   d) none of these.

ix) Data structure used to implement heuristic search is

    a) binary tree   b) any tree

    c) both (a) & (b)   d) none of these.

x) A supply chain involves

    a) company itself   b) customers

    c) suppliers   d) a flow of materials.

GROUP – B

(Short Answer Type Questions)

Answer any *three* of the following.   3 × 5 = 15

2. What are the advantages of client-server system ?

3. What are the main bottlenecks in the development of normal language processing system (NLP) ?

4. What is knowledge management ? Explain its benefits.

5. Compare and contrast tacit knowledge and explicit knowledge.

6. Explain supply and value chains with suitalble examples.

GROUP – C

(Long Answer Type Questions)

Answer any *three* of the following.   3 × 15 = 45

7. Explain the concept of Knowledge mnagement ? Discuss the steps of Knowledge Management implementation. What is Electronic Document Management ?   5 + 7 + 3

8. What do you mean by Data Mining and Data Warehousing ? Explain the characteristics and capabilities of Organisational DSS.   7 + 8

9. What are Management Support Systems. Compare several dimensions of the various MSS *viz.* TPS, MIS, DSS, ES, EIS, KMS.   15

10. Discuss the scope and method of Knowledge Acquisition and Validation ? Explain the major features of Expert System.

    8 + 7

11. Explain the concept of Genetic Algorithm. Explain the architecture of Neural Network. What are the benefits and limitations of Neural Network.   5 + 5 + 5

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