Name : ....

Roll No. : ....

Invigilator's Signature : ....

CS/MBA(N)/SEM-3 FT & 5 PT/SM-303/2011-12

2011
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 for any *ten* of the following :

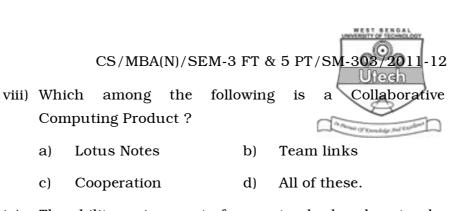   10 × 1 = 10

   i)   The SETI is an abbreviation of

   a)   Search for Extra Terrestrial Interface

   b)   Search for Extra Terrestrial Intelligence

   c)   Search for Extra Terrestrial Information

   d)   None of these.

   ii) Decision Suite, Grapevine, Knowledge *X* are some

   a)   MIS Software   b)   DSS Software

   c)   KMS Software   d)   None of these.

16041-(N)   [Turn over

iii) Transaction Processing System is major .... and ESS is major .... of data.

    a) recipient, recipient

    b) recipient, source

    c) source, source

    d) source, recipient.

iv) Which among the following is an example of Tacit Knowledge ?

    a) Acumen   b) Insight

    c) Knowhow   d) All of these.

v) Which of the following is not a phase of Simon model of Decision Making ?

    a) Intelligent phase   b) Choice phase

    c) Design phase   d) Planning phase.

vi) Which among the following is the Central Processing Unit of Expert System ?

    a) Knowledge base

    b) Knowledge Acquisition and Explanation subsystem

    c) Inference Engine

    d) None of these.

vii) Logical consistency and semantic consistency are related to

    a) Knowledge acquisition

    b) Knowledge validation

    c) Knowledge dissemination

    d) None of these.

viii) Which among the following is a Collaborative Computing Product ?

a) Lotus Notes

b) Team links

c) Cooperation

d) All of these.

ix) The ability, using a set of open standard and protocols, to gain access to applications and data, processing power, storage capacity and a vast array of other computing resource over the internet is known as

a) Neural Computing

b) Grid Computing

c) Mobile Computing

d) None of these.

x) Pattern Recognition is related to

a) Data Mining

b) Data Mart

c) Oracle

d) DBMS.

xi) Effectiveness of Collaborative Group depends on

a) Time b) Place

c) Both (a) and (b)

d) None of these.

GROUP – B

(Short Answer Type Questions)

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

2. What do you mean by alpha cut of a fuzzy set ?

3. Discuss the knowledge representation techniques.

4. What are the operators used in genetic algorithm ?

5. Explain various OLAP tools.

6. Write a short note on grid computing.

GROUP – C

(Long Answer Type Questions)

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

7. Explain the concept of Knowledge Management. Discuss the steps of Knowledge Management implementation. What is Electronic Document Management ?   5 + 8 + 2

8. What do you mean by Data Mining and Data Warehousing ? Explain the role of Organisational DSS in Supply Chain Management. What is a Value Chain ?   5 + 7 + 3

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

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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