



Name : .....

Roll No. : .....

Invigilator's Signature : .....

**CS/MBA (OLD)/SEM-3FT & 5PT/SM-303/2010-11**

**2010-11**

**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 the following :  $10 \times 1 = 10$

i) Fuzziness means

- a) Vagueness
- b) Various
- c) Volatile
- d) None of these.

ii) The word DSS in management system stands for

- a) Discussion Support System
- b) Data System Support
- c) Disk Supervisory System
- d) None of these.

iii) The Neural Network is

- a) Parallel Distributed Processing
- b) Parallel Processing
- c) Sequential Processing
- d) None of these.



- iv) MSS is
  - a) Management Support System
  - b) Managerial System Support
  - c) Marginal System Support
  - d) None of these.
  
- v) Data Structure used to implement Heuristic Search is
  - a) Binary Tree
  - b) Any Tree
  - c) Both (a) and (b)
  - d) None of these.
  
- vi) Which one of the following management support systems is basically a problem solving tool and is often used to address ad hoc and unexpected problems ?
  - a) TPS
  - b) DSS
  - c) EIS
  - d) MIS
  - e) ES
  - f) none of these.
  
- vii) Which one of the following management support systems is normally connected with online information services so that top managers could access data whenever they require for the same ?
  - a) Online executive system
  - b) DSS
  - c) EIS
  - d) MIS
  - e) ES
  - f) none of these.



viii) Digital Dashboard is ..... tool used to display on single screen all the critical measurements for piloting company.

- a) TPS
- b) DSS
- c) EIS
- d) MIS
- e) ES
- f) digital pilot diagram.

ix) The name neural network comes from

- a) Neuron of brain                      b) Neutron of atom
- c) Nephron of kidney                  d) None of these.

x) Knowledge Management System is defined as

- a) knowledge made available through Information Technology
- b) knowledge developed by organization
- c) knowledge processed from data
- d) knowledge in a repository.



**GROUP – B**

**( Short Answer Type Questions )**

Answer any *three* of the following.  $3 \times 5 = 15$

2. What is Grid computing ?
3. List major benefits of Expert System.
4. Define Groupware. List its goal.
5. Compare OLTP with OLAP.
6. Define data mining. Explain its characteristics.
7. List the features of Lotus Notes.

**GROUP – C**

**( Long Answer Type Questions )**

Answer any *three* of the following.  $3 \times 15 = 45$

8. Describe DSS with suitable diagrammatic representation. How could you relate MIS with DSS ? Explain.  $11 + 4$
9. Describe the architecture of Neural Network with suitable diagrammatic representation.
10. Describe a typical Data Warehouse with suitable diagram. Explain tools used in data warehouse. Explain Data Mart.  $8 + 4 + 3$
11. a) What do you mean by knowledge base ? How is it applicable in AI system development ?  $5 + 5$   
b) Explain Electronic document management.  $5$
12. Write short notes on any *three* of the following :  $3 \times 5$ 
  - a) DSS generator
  - b) Fuzzy logic
  - c) Comparison & contrast of tacit and explicit knowledge
  - d) Genetic Algorithm
  - e) ERP
  - f) Group Support System.

