	Utech
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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 )

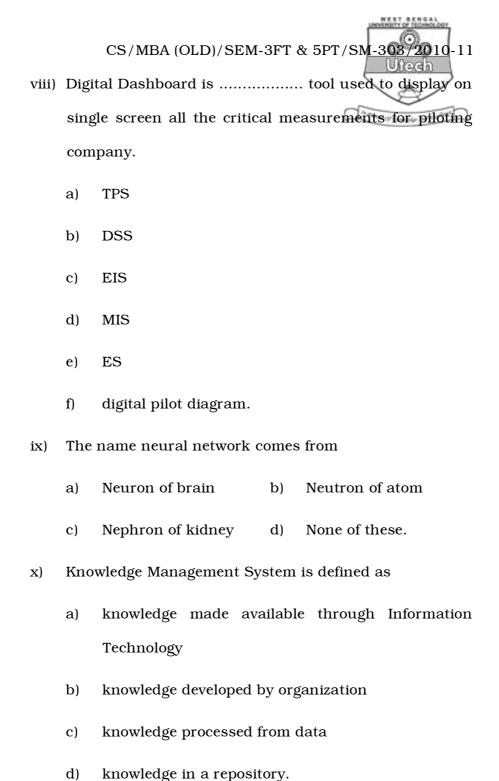
- 1. Choose the correct alternatives for the following:  $10 \times 1 = 10$ 
  - i) Fuzziness means
    - a) Vagueness
- b) Various
- c) Volatile
- d) None of these.
- ii) The word DSS in management system stands for
  - a) Discussion Support System
  - b) Data System Support
  - c) Disk Supervisory System
  - d) None of these.
- iii) The Neural Network is
  - a) Parallel Distributed Processing
  - b) Parallel Processing
  - c) Sequential Processing
  - d) None of these.

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- 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.





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#### **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 Nates.

#### GROUP - C

### (Long Answer Type Questions)

Answer any *three* of the following.

 $3 \times 15 = 45$ 

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- 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.
- 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

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- d) Genetic Algorithm
- e) ERP
- f) Group Support System.

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