



RC-4457-58

**M. B. A. (Sem. IV) (FT) & (Sem. VI)
(Evening) Examination
April/May – 2010
Decision Support System**

Time : 3 Hours]

[Total Marks : 100

RC-4457

Instruction :

(1)

नीचे दर्शायेव निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="M. B. A. (Sem. 4) (FT) & (Sem. 6) (Evening)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Decision Support System"/>	<input type="text"/>
Subject Code No. : <input type="text" value="4"/> <input type="text" value="4"/> <input type="text" value="5"/> <input type="text" value="7"/>	Section No. (1, 2,...): <input type="text" value="1"/>
	<input type="text" value="Student's Signature"/>

(2) Answer to Section I and Section II must be written in **two separate** answer books.

(3) Figures to the **right** indicate marks of the question.

(4) All questions are **compulsory**.

1 What is DSS? Explain the process and explain the various subcomponents of a DSS in detail. **18**

2 Answer any **two** : **32**

(a) Explain in detail Executive Information System (EIS)?

(b) Write short note on Geographic Information System and the emerging GIS applications.

(c) Explain in detail knowledge engineering. Also mention different methods of knowledge acquisition.

(d) What are Data Mining and Data Warehousing? Describe its importance with suitable examples.

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Name of the Examination :	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
<input type="text" value="M. B. A. (Sem. 4) (FT) & (Sem. 6) (Evening)"/>	<input type="text" value="Student's Signature"/>
Name of the Subject :	
<input type="text" value="Decision Support System"/>	
Subject Code No. : <input type="text" value="4"/> <input type="text" value="4"/> <input type="text" value="5"/> <input type="text" value="8"/> Section No. (1, 2,.....): <input type="text" value="2"/>	

(2) Answer to Section I and Section II must be written in **two separate** answer books.

(3) Figures to the **right** indicate marks of the question.

(4) All questions are **compulsory**.

3 What is Expert System? With the help of the diagram **16**
explain in detail the structure of an Expert System.

4 Answer any **two** : **34**

(a) Explain in detail Artificial Intelligence (AI). Also compare Artificial Intelligence and Natural Intelligence.

(b) Explain Artificial Neural Networks (ANN) and Genetic Algorithms as supporting tools for developing DSS.

(c) Write short notes :

(i) Virtual Reality

(ii) GDSS

(d) Write short notes :

(i) Intelligent Agent

(ii) Natural Language Processor.