Seat No. _____

GANPAT UNIVERSITY

B. TECH SEM. V INFORMATION TECHNOLOGY
Regular Examination Nov/Dec – 2011
IT 505: Management Information System

Time: 3 Hours]   [Total Marks: 70

Instructions:
1. Attempt all questions.
2. Figures to the right indicate full marks
3. Be precise and to the point in your answer

SECTION-I

Que. 1	**Answer the following questions.**	**[12]**
	1. What is rational decision? Explain problems in making rational decision.	4
	2. What are the needs for system analysis?	4
	3. Give Difference between:	4
	1. Deterministic System Vs Probabilistic System	
	2. Closed System Vs Open System	

OR

Que. 1	**Answer the following questions.**	**[12]**
	1. Explain types & nature of decision.	4
	2. Define System Analysis. Explain System development cycle for new application.	4
	3. Define following terms:	4
	Sensor, Comparison Unit, Feedback mechanism, Corrective Unit, Negative Entropy	

Que. 2	**Discuss Following Questions.**	**[11]**
	1. How to handle system complexity? Explain with example.	5
	2. Discuss various applications & reports of Material Management.	6

OR

Que. 2	**Discuss Following Questions.**	**[11]**
	1. Explain Structured System Analysis & Design (SSAD) using an example.	5
	2. Write note on Financial Management.	6

Que. 3	**Answer the following questions.**	**[12]**
	1. What is MIS? Explain Impact of MIS on people, organization and management.	4
	2. What is evelution? Explain Financial evelution.	3
	3. Give Difference between: Waterfall Model and Spiral Model	4
	4. Which features are required for configuration design of the information technology?	1

P.T.O.

Que. 4 Discuss Following Questions.

1. Discuss MIS applications in service sector Hotels.
2. List out models of decision support system and explain any one model.

OR

Que. 4 Discuss Following Questions. [12]

1. Discuss MIS applications in service sector Hospital. 6
2. Explain attributes and types of decision support system. 6

Que. 5 Answer the following questions. [11]

1. Define information and Data. Discuss the Attributes of Information. 6
2. Explain the difference between Security testing and Performance testing. 5

OR

Que. 5 Answer the following questions. [11]

1. Explain ERP Architecture and its solution structure. 6
2. Discuss the difference between Model level testing and Integration testing. 5

Que. 6 Answer the following questions. [12]

1. Explain following terms in detail. 6
   I. Summarization.
   II. Message Routing.
   III. Bias in Information.
2. Discuss the parameters of the quality information. 6

=== **END OF PAPER** ===