

Reg. No.

प्रज्ञानं ब्रह्म



INSPIRED BY LIFE

# Manipal Institute of Technology, Manipal

(A Constituent Institute of Manipal University)



## I SEMESTER M.TECH (CONSTRUCTION ENGINEERING & MANAGEMENT)

### END SEMESTER EXAMINATIONS, NOV/DEC 2015

SUBJECT: MANAGEMENT INFORMATION SYSTEMS [CIE 507]

#### REVISED CREDIT SYSTEM

Time: 3 Hours

MAX. MARKS: 50

#### Instructions to Candidates:

- ❖ Answer **ANY THREE FULL** the questions from Q1 to Q4.
- ❖ Q.5 and Q.6 are compulsory.

1A.	With an example explain difference between 'Structured' and 'Perfect' information	05
1B.	Explain with an example 'Negative Feedback' method of System Control	05
2A.	"Project Schedule of a project is Unstructured, Documented, Non-Action Information." Is it completely true? Substantiate your answer with examples.	05
2B.	What is a Data Base Management System? With neat schematic diagram briefly explain process of DBMS	05
3A.	Is it True that 'Probabilistic Systems' should be 'Open Systems' and should use 'Slack resources' Method of Decoupling? Substantiate your answer.	05
3B.	List the advantages and disadvantages of Prototyping?	05
4A.	Explain with example (i) Batch validation and Batch Processing (ii) Online validation Batch Processing	05
4B.	Draw 'SDLC Waterfall' flow diagram and explain Analysis Stage.	05
5.	Formulate Quality Control Transaction Processing System Life Cycle for Steel Quality Control by precisely listing transaction data to be collected, Rules for recording data, data validation method for each data, processing algorithm and standard for of Transaction Document	10
6.	A client has requested consultancy service from you for providing a Decision Support System for High way construction between two locations. Formulate the contents of Intelligence stage, Design options, Analyze and provide Structured imperfect Choice to the client	10