

Reg. No.



**MANIPAL INSTITUTE OF TECHNOLOGY**  
**MANIPAL**  
 (A constituent unit of MAHE, Manipal)

## I SEMESTER M.TECH. (CEM) END SEMESTER EXAMINATIONS

NOVEMBER

### SUBJECT: CONSTRUCTION INFORMATION SYSTEMS [CIE-5104 ]

Date of Exam:

Time of Exam:

Max. Marks: 50

#### Instructions to Candidates:

- ❖ Answer ALL the questions
- ❖ Answer Precisely to the point. Examples shall be related to Construction Engineering Project Management

1A.	Explain Documentary information and Understandability characteristic of information with relevant example.	(04)	CO1
1B.	Draw neat sketch of information production cycle and explain each component with the help of a construction engineering example.	(06)	CO1
2A.	"Human system should necessarily be an Abstract system". Is this statement true? Give reasons with an example for your answer.	(05)	CO3
2B.	Explain Slack resources method of decoupling and Filter method system control with relevant examples	(05)	CO3
3A.	What is Prototyping? Explain Throw away prototype with an example	(05)	CO5
3B.	What is a Database. Explain types of Database	(05)	CO5
4	Examine the following document and Identify whether each and every characteristics of an Information. If any characteristic is missing / wrong , state and correct them .From top to bottom organization hierarchy is Project Manager-Assistant Project Manager-Senior Site Engineer-Junior Site Engineer (ReferTable-1)	(10)	CO2
5	A Building Repair and Maintenance Firm has to be established. A system for that purpose is to be created . (1) Prepare the Objectives the System (2) Prepare Work Break Down structure (3) Group Similar activities and for sub sytems (4) Formulate a Conceptual system.	(10)	CO4

Table-1

<b>DAILY WORK PROGRESS REPORT</b> Name of the Project:	
Date: Submitted to: Ms./Mr. .... Designation: Assistant Project Manager Submitted by: Ms/Mr..... Designation: Junior Site Engineer	
Component of Work:	
Description of the work for the day:	
Cumulative Work Productivity Up to date:	
Quantity of Work Planned:	Quantity of Work Completed:
Day's Work Productivity:.....	Cumulative Work Productivity:.....
Remarks:	
Signature of personnel submitted:  Date:                                  Time:	Remarks of the receiving personnel :   Signature: