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Roll No.

18AA2264

M. Tech. EXAMINATION, May 2019

(First Semester)

(C Scheme) (Re-appear)

CONSTRUCTION AND REAL ESTATE
MANAGEMENT

MCRM605C

Product Modelling and Information Technology

Time : 3 Hours]

[Maximum Marks : 75

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks. Assume any data if necessary.

(1-06/28) M-18AA2264

P.T.O.

Unit I

1. Differentiate between Information technology enabled project management and conventional project management. What are the advantages of using IT enabled project management system ? **15**
2. How integrated project management is done ? What are the applications of DBMS in Project Management ? **15**

Unit II

3. What are the different types of networking ? Explain different types of protocols that are used in networking. **15**
4. Which are different types of cloud providers ? Explain different models of information change between parties. **15**

Unit III

5. Explain the benefits of using Project Management software for scheduling and monitoring of construction projects. What is the process of performing EVM analysis for the project ? **15**

6. Briefly explain with the help of examples the application of Project Management Software in cost and resource scheduling of a project. **15**

Unit IV

7. How computer aided cost estimation can be done ? What is the role of information technology in e-Tendering and contract management and list its applications ? **15**
8. List various softwares used for building engineering applications. How are these softwares beneficial and compare them with conventional techniques used. **15**