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M.TECH

AR-19

M.TECH 1ST SEMESTER EXAMINATIONS NOV/DEC 2019

CTM, MPCCT1030

CONSTRUCTION PLANNING AND CONTROLS

Time: 3 Hours

Max Marks : 70

The figures in the right hand margin indicate marks.

PART-A

(10 X 2=20 MARKS)

1. Answer the following questions.

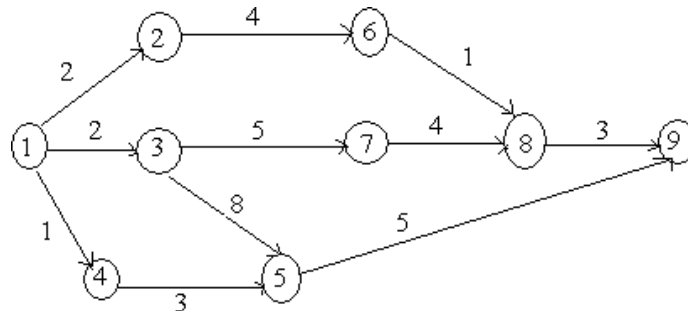
- a. Name the various project management tools
b. What is an organization structure?
c. What are the responsibilities and duties of a project team?
d. What is work breakdown structure?
e. Give two differences between PERT & CPM..
f. Define predecessor and successor activity
g. Give two disadvantages of MIS system.
h. What is ABC analysis?
i. What is meant by leadership?
j. Give two differences between leadership and management.

PART-B

(5 X 10=50 MARKS)

Answer any five questions from the following.

- 2. (a) Demonstrate in detail about the elements of project management.
(b) Explain in detail about two project management techniques.
3. (a) Explain in brief about the project team organization..
(b) What are the three conventional roles in project team?
4. (a) What is Work Breakdown Structure and give its importance
(b) What are the various guidelines to be followed for Work Breakdown Structure?
5. (a) Differentiate between CPM and PERT.
(b) Find the critical path and calculate the slack time for the following network .



- 6. (a) What are the various components involved in Project Control.
(b) Describe about the benefits and expectations of PMIS
7. (a) What are the key terms and stages in cost management activities?
(b) Classify the various costs in Cost management
8. (a) Illustrate the principles of management.
(b) Explain the significance of management.