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15ARC86

Eighth Semester B.Arch. Degree Examination, Feb./Mar. 2022 Project and Construction Management

Time: 3 hrs.

Max. Marks: 100

**Note: 1. Answer any FIVE full questions, choosing ONE full question from each module.
2. Use of Normal Distribution function table is permitted.**

Module-1

- 1 a. Draw the organization chart for a construction company. (10 Marks)
 b. Explain the concept of ethics in construction industry. (10 Marks)

OR

- 2 a. Explain the project parameters in detail. (10 Marks)
 b. Explain project life cycle stages in detail. (10 Marks)

Module-2

- 3 Write short notes on : (20 Marks)
 a) SWOT Analysis
 b) Project planning
 c) Project Scheduling
 d) Project Controlling.

OR

- 4 Write short notes on : (20 Marks)
 a) Value Engineering
 b) Investment Criteria
 c) Cost benefit Analysis
 d) Decision Tree

Module-3

- 5 A network is shown below Fig Q5, with expected time of completion of each day. Determine the earliest expected time.

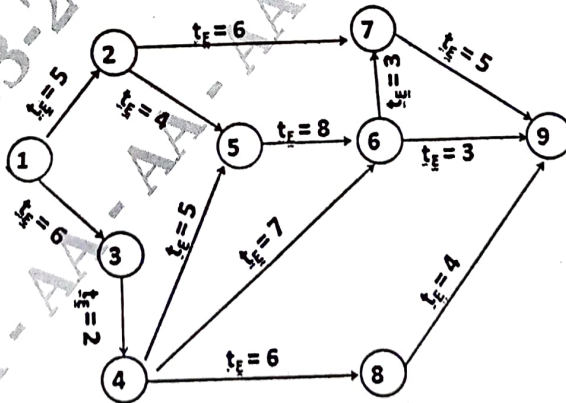


Fig Q5

(20 Marks)

Important Note : 1. On completing your answers, compulsorily draw diagonal cross lines on the remaining blank pages.
2. Any revealing of identification, appeal to evaluator and /or equations written eg. 42+8 = 50, will be treated as malpractice.