

# CBCS SCHEME



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15CV61

## Sixth Semester B.E. Degree Examination, June/July 2018 Construction Management and Entrepreneurship

Time: 3 hrs.

Max. Marks: 80

*Note: Answer any FIVE full questions, choosing one full question from each module.*

### Module-1

- 1 a. Define Construction management. Explain the objectives of construction management. (08 Marks)
- b. What are the functions of management? Explain any two of them. (08 Marks)

OR

- 2 a. What is construction planning? List the objectives of construction planning. (06 Marks)
- b. Explain Bar chart or Gantt chart. Write its limitations. (04 Marks)
- c. Draw the network for the project based on the following data of events:  
Find Early start time, Early finish time, Late finish time, and determine the least number of days required to complete the work. Draw the critical path.

Event	Duration (Days)	Preceders
A	2	-
B	4	-
C	1	A
D	6	B
E	7	C, D

(06 Marks)

### Module-2

- 3 a. Explain the importance of resource management in the construction of a project. (08 Marks)
- b. Explain (i) Minimum wages act 1948 (ii) Labour production rate of productivity. (08 Marks)

OR

- 4 a. Explain the advantages of utilization of construction equipments in construction field. List the various classifications of equipments. (08 Marks)
- b. Describe material management and objectives of material management. (08 Marks)

### Module-3

- 5 a. Define quality. Describe quality control and quality assurance. (08 Marks)
- b. Explain the importance of safety in construction. Explain the safety measures during (i) Excavation (ii) Drilling and blasting (08 Marks)

OR

- 6 a. Describe the safety insurance. Explain constructors all risk insurance. (08 Marks)
- b. Differentiate between morals and values. (04 Marks)
- c. List the professional rights. (04 Marks)

### Module-4

- 7 a. What is economics? List the goals of economics. (08 Marks)
- b. Differentiate between Microeconomics and Macroeconomics. (08 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.



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OR

- 8 a. Explain : (i) Time value of money (ii) Simple interest (iii) Compound interest. (10 Marks)  
b. Mr. X is planning to build his own house. He plans to deposit Rs. 40,000/- every year for next 10 years in a bank. The bank gives 12% interest rate compound annually. Find the maturity value of his account after 10 year. (06 Marks)

**Module-5**

- 9 a. Explain in brief the role of entrepreneurship in economic development. (08 Marks)  
b. What do you mean by small-scale industry? List the characteristics of small scale industries. (08 Marks)

OR

- 10 a. What is business plan? Explain the importance of business plan. (08 Marks)  
b. Explain in detail the contents of a good project report. (08 Marks)

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