

# 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 e.g. 42+8 = 50, will be treated as malpractice.

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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