



CBCS SCHEME

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17CV61

Sixth Semester B.E. Degree Examination, Jan./Feb. 2021 Construction Management and Entrepreneurship

Time: 3 hrs.

Max. Marks: 100

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

Module-1

- 1 a. Define management. What are the objectives of construction management? (10 Marks)
b. List the functions of management. (10 Marks)

OR

- 2 a. Explain briefly the steps involved in planning. (10 Marks)
b. Define: (i) Earliest start time (ii) Earliest finish time (04 Marks)
c. Draw the network diagram and identify the critical path.

Name of Activity	Predecessor	Duration (days)
A	-	4
B	A	58
C	B	2
D	B	2
E	C	1
F	D	1

(06 Marks)

Module-2

- 3 a. What are the objectives of material management? (06 Marks)
b. What are the factors affecting productivity? (06 Marks)
c. Explain the importance of Resource Management. (08 Marks)

OR

- 4 a. List the classification of construction equipment. Explain any one. (10 Marks)
b. What are the functions of Material Management? (10 Marks)

Module-3

- 5 a. Explain: (i) Morals (ii) Ethics (iii) Integrity (iv) Trustworthiness (08 Marks)
b. Explain the concept of total quality management. (06 Marks)
c. Explain the importance of safety in construction. (06 Marks)

OR

- 6 a. Define inspection. What are the types of inspection? (08 Marks)
b. Describe the safety insurance. (06 Marks)
c. List the professional rights. (06 Marks)

Module-4

- 7 a. Define engineering economy. What are the principles of engineering economics? (08 Marks)
b. Differentiate between microeconomics and macroeconomics. (06 Marks)
c. List the goals of economics. (06 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.

OR

- 8 a. Explain the concept of (i) Simple interest (ii) Compound interest (iii) Single payment (iv) Equal payment (08 Marks)
- b. A person invests a sum of Rs.10,000 in a bank at a nominal interest rate of 10% for 10 years. The compounding is quarterly. Find the maturity amount of the deposit after ten years. (06 Marks)
- c. Determine the effective interest rate for a nominal annual rate of 8% that is compounded semiannually. (06 Marks)

Module-5

- 9 a. What are the functions of an entrepreneur? (10 Marks)
- b. Explain the entrepreneurial stages. (10 Marks)

OR

- 10 a. What are the roles of MSME in economic development? (10 Marks)
- b. List the different schemes of MSME. Explain any two of them. (10 Marks)
