

Roll No.

Total No. of Questions : 09]

[Total No. of Pages : 02

Paper ID [A0482]

(Please fill this Paper ID in OMR Sheet)

B.Tech. (Sem. - 7th/8th)

PRINCIPLES OF ENGINEERING ECONOMICS AND MANAGEMENT TECHNIQUES (CS - 408)

Time : 03 Hours

Maximum Marks : 60

Instruction to Candidates:

- 1) Section - A is **Compulsory**.
- 2) Attempt any **Four** questions from Section - B.
- 3) Attempt any **Two** questions from Section - C.

Section - A

Q1)

(10 × 2 = 20)

- a) What are the assumptions of Break Even Analysis?
- b) How will you estimate material cost?
- c) Define Pay - back period.
- d) Define depreciation.
- e) What is the importance of human resource management?
- f) Differentiate between recruitment and selection.
- g) What are the principles of training?
- h) Define motivation.
- i) What is Quality of Work Life?
- j) What is integration?

Section - B

(4 × 5 = 20)

Q2) Differentiate between cost estimation and cost accounting.

Q3) What can be the reasons for replacement?

Q4) Suppose the original cost of a machine is Rs. 30,000 and is expected to last for 5 years. The junk value after five years of use would be Rs. 5000/-. Find out annual rate of depreciation by straight line method.

Q5) Explain the types of psychological tests used for selection.

Q6) What are the factors affecting motivation.

Section - C

(2 × 10 = 20)

Q7) Differentiate between cost estimation and cost accounting and discuss the qualifications of an estimator.

Q8) Explain various methods to be considered in replacement studies.

Q9) Explain different forms of workers' participation in management.

