

Roll No.

Total No. of Questions : 09]

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

**PRINCIPLES OF ENGINEERING ECONOMICS AND
MANAGEMENT**

SUBJECT CODE : CS - 408

Paper ID : [A0482]

[Note : Please fill subject code and paper ID on OMR]

Time : 03 Hours

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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 fixed and variable costs?
- b) Define economic life of a project.
- c) What are the merits of net present worth method of investment criteria?
- d) Suppose original value of a machine is Rs.50 lakhs, its junk value is Rs.5 lakh and useful life is 5 years. Find out annual amount of depreciation through straight line method.
- e) Briefly discuss cost estimating procedure.
- f) What is the importance of human resource?
- g) What is recruitment?
- h) What are the principles of training?
- i) Define job satisfaction.
- j) What is the significance of workers participation in management.

Section - B

(4 × 5 = 20)

Q2) Discuss discounted cash flow method in capital budgeting.

Q3) What is the need for human resource planning?

Q4) What is the significance of pay out period method of appraising a project proposal?

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Q5) What are the factors affecting motivation.

Q6) What do you understand by maintenance function of human resource management.

Section - C

(2 × 10 = 20)

Q7) What are the objectives of a break even chart? Discuss its significance.

Q8) What are the different criteria for promotion? Explain their relative merits and demerits.

Q9) Define performance appraisal. Explain any two methods.

