

**Principles of Engineering Economics & Management Techniques  
(CS-408, Dec-2007)**

**Note:** Section A is compulsory. Attempt any four questions from Section-B and any two from Section-C.

**Section-A**

1. a) Meaning of Break Even Point.
- b) Differentiate between risk and uncertainty.
- c) What is discounted cash flow analysis?
- d) What is Internal Rate of Return?
- e) Meaning of cost estimation.
- f) Name different types of depreciation.
- g) What do you understand by psychological tests?
- h) Performance evaluation.
- i) Relationship between job satisfaction and motivation.
- j) Meaning of Induction.

**Section-B**

2. Can there be two Break even points? Discuss.
3. What is importance of Human Resource management in changing scenario of Indian Business?
4. What is the IRR of the following cash flow stream?

YEAR	Cash Flow
0	-3000
1	+9000
2	+3000

5. What are the requisitions as qualifications of an estimator?
6. Write a detailed note on different methods of recruitment.

**Section-C**

7. What are the different motivation theories? Which theory is applicable for Indians?
8. (a) Illustrate with examples that training leads to employee development.  
(b) Should promotion be based on merit or seniority? Comment.
9. (a) what do understand by economic life of a project? Also discuss challenger and defender.  
(b) Write a detailed note on different methods of depreciation and its applicability.