CS/M.TECH (LT)/SEM-2/MLT-204/09
INDUSTRIAL RELATIONS AND ENGINEERING ECONOMICS (SEMESTER - 2)

1. ....
   Signature of Invigilator

2. ....   ***Reg. No.***
   Signature of the Officer-in-Charge

***Roll No. of the
Candidate***

CS/M.TECH (LT)/SEM-2/MLT-204/09
ENGINEERING & MANAGEMENT EXAMINATIONS, JULY – 2009
INDUSTRIAL RELATIONS AND ENGINEERING ECONOMICS (SEMESTER - 2)

Time : 3 Hours]   [Full Marks : 70

INSTRUCTIONS TO THE CANDIDATES :
1. **This Booklet is a Question-cum-Answer Booklet.** The Booklet consists of **32 pages**. **First page** of the Booklet shows Instructions to the Candidates. The **questions** of this concerned subject commence from **Page No. 3**.
2. You have to answer the questions in the space provided marked 'Answer Sheet'. Write on both sides of the paper.
3. Fill in your Roll No. in the box provided as in your Admit Card before answering the questions.
4. Read the instructions given inside carefully before answering.
5. You should not forget to write the corresponding question numbers while answering.
6. Do not write your name or put any special mark in the booklet that may disclose your identity, which will render you liable to disqualification. Any candidate found copying will be subject to Disciplinary Action under the relevant rules.
7. Use of Mobile Phone, Calculator or Log table is totally prohibited in the examination hall.
8. You should return the booklet to the invigilator at the end of the examination and should not take any page of this booklet with you outside the examination hall, which will lead to disqualification.
9. Rough work, if necessary is to be done in this booklet only and cross it through.

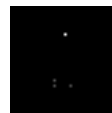   **No additional sheets are to be used and no loose paper will be provided**
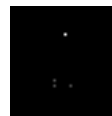

FOR OFFICE USE / EVALUATION ONLY
Marks Obtained

Question Number										*Total Marks*	*Examiner's Signature*
Marks Obtained											

....
Head-Examiner/Co-Ordinator/Scrutineer

50004 (06/07)

DO NOT WRITE ON THIS PAGE

CS/M.TECH (LT)/SEM-2/MLT-204/09
INDUSTRIAL RELATIONS AND ENGINEERING ECONOMICS
SEMESTER – 2

Time : 3 Hours] [Full Marks : 70

The figures in the margin indicate full marks.
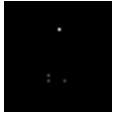*Candidates are required to give their answers in their own words as far as practicable.*

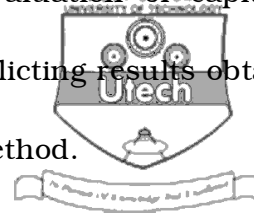Answer any *five* questions. 5 × 14 = 70

1. a) Define average and marginal productivity. Show that average productivity equals marginal productivity when average productivity is maximum.

   b) Distinguish between the concepts of constant, increasing and decreasing returns to scale. 8 + 6

2. a) Elaborate the concepts of total, average and marginal revenue.

   b) Establish the relationship between marginal revenue, average revenue and elasticity of demand. 6 + 8

3. Compare the short run and long run equilibrium under perfect competition and show that in the long run free entry/exit of firms ensure the equality of price with average cost. 14

4. Do you think that the capital structure of a firm has an impact on the firm's valuation ? Explain in the light of the net income and net operating income approaches. 14

5. Compare the Payback period method and the net present value method of capital investment appraisal. 14

50004 (06/07)

6. Describe the Internal Rate of Return method of evaluation of capital investment projects. In this context, discuss the possibility of conflicting results obtained from the Net Present Value method & Internal Rate of Return method.   14

7. Describe the present scenario of the Indian leather industry with special reference to the market of structure and government policy.   14

END