

Total No. of Printed Pages:02

SUBJECT CODE NO:- H-384
FACULTY OF SCIENCE AND TECHNOLOGY
T.E. (Mechanical)
Industrial Management & Engineering Economics
(OLD)

[Time: Three Hours]

[Max.Marks:80]

- N.B Please check whether you have got the right question paper.
- i) Attempt any three from each section.
 - ii) Figures to the right Indicates full marks.
 - iii) Assume suitable data, if necessary and state them clearly

Section A

- | | | |
|-----|--|----|
| Q.1 | a) 'Management is getting things done through people.' Comment | 07 |
| | b) Define Six Sigma and explain its methodology? | 06 |
| Q.2 | a) Enlist the various functions of managements? Explain any one detail? | 07 |
| | b) Differentiate between Data, Information, Knowledge and Wisdom? | 06 |
| Q.3 | a) Explain project organization with its advantages and disadvantages? | 07 |
| | b) Explain the advantages and disadvantages of Public Sector organisation? | 06 |
| Q.4 | a) Explain the role of personnel manager in organization? | 07 |
| | b) Explain functions of Trade Union. | 06 |
| Q.5 | Write short notes on any three:- | |
| | a) Steps in implementing TQM | 05 |
| | b) Management by Objectives | 05 |
| | c) Staff organisation | 04 |
| | d) Entrepreneurship development schemes | 04 |
| | e) Job description | 04 |

Section B

- Q.6 a) Discuss the economic principles for management decisions? 07
 b) What are the various factors responsible for fluctuation in demand? 06
- Q.7 a) Explain various components of inventory and its effect on total cost of inventory? 07
 b) Annual demand for x item is 12000 units. Cost per unit is Rs.100/-. The supplier has agreed to provide discount of 6%, if order exceeds 250 units. Cost of holding inventory is 20% of cost of material per unit per year. Cost of ordering is Rs.50/- per order. Find E.O.Q. and total inventory carrying cost? 06
- Q.8 a) A CNC machine costs Rs.20, 000, 000/- and is estimated to serve for 8 years after which its salvage value is estimated to be Rs.1,80,000/-. Find depreciation fund at the end of the 4th year by straight-line method? 07
 b) What is the scope and significance of finance manager? 06
- Q.9 a) Explain Rate of Return Method and Annual Cost Method of Replacement analysis? 07
 b) Explain elements of costs? 06
- Q.10 Write short notes on any three:-
 a) ABC Analysis. 05
 b) Equilibrium of demand and supply. 05
 c) Profitability index & IIR method. 04
 d) Reasons of depreciation. 04