

Total No. of Questions : 6]

SEAT No. :

**P186**

[Total No. of Pages : 2

**APR - 17/TE/Insem. - 22**

**T.E. (Electronics & Telecommunication)**

**INDUSTRIAL MANAGEMENT**

**(2012 Pattern) (Semester - II) (304192)**

*Time : 1 Hour]*

*[Max. Marks : 30*

*Instructions to the candidates:*

- 1) *Answer any three questions.*
- 2) *Neat diagrams must be drawn wherever necessary.*
- 3) *Figures to the right side indicate full marks.*
- 4) *Use of Calculator is allowed.*
- 5) *Assume suitable data if necessary.*

**Q1)** a) Draw organization chart of line & staff organization. Give merits and demerits. [8]

b) What are the functions of Management? [2]

OR

**Q2)** a) Draw and explain the flowchart of Planning in the Management? [6]

b) Explain how today managers use general administrative theory. [4]

**Q3)** a) Write a note on Quality Circles with its Objectives, Benefits and Functions. [6]

b) Write a note on the Fishikawa Assistance Tool? [4]

OR

**Q4)** a) Explain the concept of Six Sigma with reqd. schematics. [6]

b) What is Poka-Yoke? What are the micro level techniques used in this?[4]

**P.T.O.**

- Q5)** a) Write a note on Payback Method of Capital Budgeting. [6]  
b) Write a short Note on Cost Benefit Analysis. [4]

OR

- Q6)** a) A company producing soap, which selling price is Rs.18/- per soap has a fixed cost of Rs. 75,000 and variable cost is Rs.8/- per soap. Calculate [6]  
i) Break-even point quantity.  
ii) Production in number of soaps required to earn a profit of Rs.15,000.  
iii) Profit, if 40,000 soaps are produced.  
b) Explain the various sources of Revolving Capital. [4]

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