P27

Oct./TE/Insem. - 141
T. E. (Electrical)
INDUSTRIAL AND TECHNOLOGY MANAGEMENT
(2015 Course) (Semester - I) (311121)

Time : 1 Hour]   *[Max. Marks : 30*

Instructions to the candidates:
1) *Answer Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6.*
2) *Neat diagrams must be drawn wherever necessary.*
3) *Figure to the right side indicate full marks.*
4) *Assume suitable data if necessary.*

Q1) a) State law of demand and law of supply. Explain methods of demand Forecasting in detail. **[6]**

b) Define the term management? Explain any three functions of management. **[4]**

OR

Q2) a) Write short note on requirements of Public limited & Private limited company. **[6]**

b) With reference to Business Organization explain line organization and functional organization in detail. **[4]**

Q3) a) Explain the Concept of Industrial Management. What is need and scope of industrial management. **[6]**

b) List various types of technologies in detail. Explain any three types with suitable example. **[4]**

OR

Q4) a) Explain basic concept of technology management. Explain technology management at various levels. **[6]**

b) Write short note on Ethics in Technology Management. **[4]**

Q5) a) Write a short note on Six Sigma tool, how Six Sigma can be used in industrial Manufacturing to improve product quality? **[6]**

b) Define Quality management. Write short note on Total Quality Management. **[4]**

OR

Q6) a) Explain :

i) Ishikawa Diagram with example **[3]**

ii) Quality Circles **[3]**

b) What is meaning of Kaizen. How 5S is used in implementation of Kaizen **[4]**