

Total No. of Questions :6]

SEAT No. :

**P27**

**Oct./TE/Insem. - 141**

[Total No. of Pages : 2

**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]**

**P.T.O.**

**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]

