

Total No. of Questions : 8]

PD4265

SEAT No. :

[Total No. of Pages : 2

[6403]-61

T.E. (Electrical)

**INDUSTRIAL AND TECHNOLOGY MANAGEMENT
(2019 Pattern) (Semester - V) (303141)**

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) *Answers Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6, Q.7 or Q.8.*
- 2) *Neat diagrams must be drawn wherever necessary.*
- 3) *Figures to the right indicate full marks.*
- 4) *Assume suitable data, if necessary.*

Q1) a) What is IPR? Explain patent structure in detail. [8]

b) Describe the need and scope of Human Resources Management [9]

OR

Q2) a) Write a short note on recruitment and selection process. [8]

b) Explain details of provisional and complete specifications of patent. [9]

Q3) a) What is six sigma? Explain requirements of different belts. [10]

b) Write a short note on ISO 14001 : 2004. [8]

OR

Q4) a) Which are the components of quality management system? Explain ISO 9001 : 2012. [10]

b) How Kaizen works? Write merits and demerits. [8]

P.T.O.

Q5) a) What is cost? Which are the different types of costs. **[8]**

b) Explain in detail market survey and market research. **[9]**

OR

Q6) a) What is online marketing? Enlist its benefits. **[8]**

b) Explain the Taxation system in India. **[9]**

Q7) a) What is group dynamics? Which are the different stages? **[10]**

b) What is Herzberg's Two factor Theory. Explain Hygiene and motivational factors in detail. **[8]**

OR

Q8) a) What is process theory? Explain Taylor's Motivational Theory in detail. **[10]**

b) Write a short note on Government policies and incentives for Entrepreneurship. **[8]**

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