

Total No. of Questions : 8]

SEAT No. :

**PB3802**

[6262]-62

[Total No. of Pages : 2

**T.E.(Electrical Engineering )  
INDUSTRIAL AND TECHNOLOGY MANAGEMENT  
(2019 Pattern)(Semester -I)(303141)**

*Time : 2½ Hours]*

*[Max. Marks : 70*

*Instructions to the candidates:*

- 1) *Solve Q.1or Q.2, Q.3 or Q.4, Q.5 or Q.6, Q.7 or Q.8.*
- 2) *Figures to the right indicate full marks.*
- 3) *Neat diagrams must be drawn wherever necessary.*
- 4) *Assume suitable additional data, if necessary.*
- 5) *Use of non-programmable calculator is allowed.*

- Q1)** a) What are the different forms of IPR? Explain any one in detail. [4]  
b) Write a short note on: [6]  
i) HR planning  
ii) Recruitment  
c) Explain in detail about Training and Development. [8]

OR

- Q2)** a) Write a criteria for securing Patents. [4]  
b) What do you understand Human Resource Management? Explain in detail. [6]  
c) Write a short note on Patent format and Patent structure. [8]
- Q3)** a) What are the 7 QC tools? Explain in detail. [3]  
b) Write a short note on Poka Yoke (Mistake Proofing) [6]  
c) Explain in details for the ISO9001:2000 Quality Management System Standard. [8]

OR

- Q4)** a) What is TQM? Explain in details. [3]  
b) What are Basic software used for inventory management? Explain any one in detail. [6]  
c) Write a short note on: [8]  
i) ISO14001:2004  
ii) ISO10004:2012

**P.T.O.**

- Q5)** a) Explain in detail with example Profit and loss statement. [4]  
b) What do you understand about Meaning of Market and Marketing strategy? [6]  
c) What do you understand cost Concept? What are the different types of costs? Explain in details. [8]

OR

- Q6)** a) Define financial management. Explain different type of taxes in detail. [4]  
b) Explain market characteristics and its types in detail. [6]  
c) What are the different methods of selling? Explain in details. [8]
- Q7)** a) Explain Motivation and theories of work motivation. [3]  
b) What are the different stages of group dynamics? Explain in details. [6]  
c) Write a short note on: [8]  
i) Government policies  
ii) Incentives

OR

- Q8)** a) Explain in details of McClelland's Three Needs Theory [3]  
b) What are the different types of Leadership? Explain any three leadership in detail. [6]  
c) Explain in details any Case study on small scale industries in India. [8]

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