Total No. of Questions : 8] SEAT No. : **P-7561** [Total No. Of Pages : 2 [6180]-75 T.E. (Electrical Engineering) INDUSTRIAL AND TECHNOLOGY MANAGEMENT (2019 Pattern) (Semester - I) (303141) Max. Marks : 70 *Time : 2^{1/2} Hours]* Instructions to the candidates Solve Q1 or Q2, Q3 or Q4, Q5 or Q6, Q7 or Q8, **1**) Figures to the right indicate full marks. 2) Neat diagrams must be drawn wherever necessary. 3) Assume suitable additional data, if necessary. **4**) What is Intellectual Property Rights (IPR)? Explain all its types? *Q1*) a) [9] b) What is Performance Appraisal? State the objective and Performance Appraisal? [9] [9] Explain Patent format and structure in detail. *Q2*) a) Explain types of training and Development method. **b**) [9] 0 What is meaning of Kaizen? How 5S is used in implementation of Kaizen? **Q3**) a) ¥9] Explain Environmental Management System Standard in details [8] b) OR Salline. Explain in brief following: [8] **Q4**) a) Poka Yoke (Mistake proofing) Quality circle (QC) ii) Explain Quality Management system standard ISO 14001:2004 [9] **P.T.O**

Explain the concept of perfect competition. *Q5*) a) [9] Describe the different types of taxes in detail. [9] b) OR Explain the terms [9] *Q6*) a) Price i) ii) Capita Credit and Debit iii) iv) Books of Account Explain in detail [9] b) Monopolistic competition i) Market survey ii) Q7) a) Explain decision making under certainty, uncertainty & risk. [9] Define Motivaton. With neat diagram show various needs, Explain b) Maslow's Hierarchy of need theory in detail. [8] OR Enlist the theories of work motivation. Explain Herzbergs Two factor **Q8**) a) theory in detail. [9] inics is What is group dynamics? Explain the stages of group dynamics in detail. b) [8] چ

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