**[4958]-1075**

## T.E. (Instrumentation and Control Engineering)
## INDUSTRIAL ORGANIZATION AND MANAGEMENT
### (2012 Course) (End Semester) (Semester - I)

*Time : 2½ Hours]*        *[Max. Marks :70*

*Instructions to the candidates:*

1) *Answer Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6, Q.7 or Q.8, Q.9 or Q.10.*
2) *Neat diagrams should be drawn whenever necessary.*
3) *Figures to the right indicate full marks.*
4) *Assume suitable data if necessary.*

**Q1)** Write short notes on:-

   a)    ISO 14000 EMS

   b)    Raw Material Handling and Storage           **[10]**

<p align="center">OR</p>

**Q2)** a)    What are the different types of Business Organizations? Explain any two.       **[4]**

   b)    Explain Business process Re-engineering. Explain its importance to business.       **[6]**

**Q3)** a)    Explain briefly Porter's 5 forces of competition.       **[5]**

   b)    Define pollution. Give the factors causing pollution. Explain air pollution in brief.       **[5]**

<p align="center">OR</p>

**Q4)** a)    With reference to general example, explain lshikawa diagram.       **[5]**

   b)    Derive the equation for economic ordering quantity.       **[5]**

*Q5)* a) Explain in relation with Manpower planning. **[12]**

     i)    Need

     ii)   Objectives

     iii)  Requirements

     iv)  Factors affecting

    b) Write a note on job description and its need. **[6]**

<div align="center">OR</div>

*Q6)* a) What is Leadership? What are the characteristics possessed by a leader? What are different leadership styles? **[12]**

    b) Define training. Explain briefly its methods with examples. **[6]**

*Q7)* a) What is capital budgeting? Explain briefly the different methods of capital budgeting. **[8]**

    b) What is the need and functions of money and capital market? **[8]**

<div align="center">OR</div>

*Q8)* a) Write a note on "Capital". **[8]**

    b) Explain concept of budget, its objectives and types. **[8]**

*Q9)* a) What is the need of business and professional ethics in today's competitive market? **[8]**

    b) What is ERP? What is the importance of ERP for industrial organizations? **[8]**

<div align="center">OR</div>

*Q10)* a) Explain the role of Information Technology in modern era of business. **[8]**

    b) Draw the block diagram of MIS and explain. **[8]**

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