

**GANPAT UNIVERSITY**  
**B.Tech. 3<sup>rd</sup> Sem. Mechanical Engineering**  
**Regular Examination :- Nov./Dec. - 2012**  
**2ME301 - Engineering Economics & Industrial Organization**

Time: 3 Hour

Total Marks: 70

- Instructions:** (1) Attempt all questions.  
 (2) Assume suitable data if necessary.  
 (3) Figures to the right indicate full marks.

## SECTION -1

- Q.1** 12
- (A) Explain Rural v/s Urban Plant sites.  
 (B) What is Plant layout? Write down objective of plant layout.  
 (C) What is Plant location? Discuss important factor for section the site in particular location?
- OR**
- (A) Explain Traditional approach and Modern approach of Economics. Also explain the relation of Economics with other sciences. 12  
 (B) What is depreciation and Write down causes of depreciation?
- Q.2**
- (A) Define Organization. Explain the process of organization? 5  
 (B) Explain 6  
 (I). Factors affecting Demand  
 (II). Elasticity of Demand
- OR**
- (A) A cast iron foundry employs thirty persons. It consumes material worth Rs.25,000, pays workers at the rate of Rs.10 per hour and incurs total overhead of Rs. 10,000. In a particular month (25 days) workers had an overtime of 150 hours and were paid at double their normal rate. Find (i) the total cost ; and (ii) the man hour rate of overheads. Assume an eight hour working day. 6
- (B) Define National income. Explain the methods of measurement of it. 5
- Q.3** 12  
 Any two  
 (A) Custom duty.  
 (B) Income tax  
 (C) Nature of cost.



SECTION - 2

Q.4

12

- (A) What do you understand by Motivation? Discuss about Quality of good business leader .
- (B) Define leadership and explain the types of leadership.
- (C) What is wants? & Explain Origin of wants.

OR

- (A) What are the symptoms of lack of co-ordination in Organization?
- (B) Explain Breakeven points with its mathematical formula.
- (C) What is meant by co-ordination ? How it is achieved ?

12

Q.5

- (A) What do you mean by Delegation? Explain process of delegation.
- (B) What are the obstacles in Effective Delegation?

6

5

OR

- (A) Explain the Total cost and Element of cost.
- (B) What are the necessities of costing? What is total cost?

6

5

Q.6 Any Three

12

- (A) Foreign Exchange
- (B) Types of line and Staff relationships.
- (C) Types of Banks
- (D) Measuring Morale
- (E) Organizational structure

**END OF PAPER**  
**BEST OF LUCK**