



SE-6271

B. E. - II (Sem. III) (Mechanical) Examination
April / May - 2011
Industrial Organization, Maintenance & Safety

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दशांशवैल निशानीवाणी विगतो उत्तरवडी पर अवश्य कभवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination : B. E. - 2 (SEM. 3) (MECHANICAL)	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Name of the Subject : INDUSTRIAL ORGANIZATION, MAINTENANCE & SAFETY	<input type="text"/>
Subject Code No. : 6 2 7 1 Section No. (1, 2,.....) : NIL	

- (2) Attempt all questions.
(3) Figures to the right indicate full marks.
(4) Draw neat sketches whenever necessary.

1 (a) State various types of companies and explain any two type in brief. 8

OR

- (a) Describe various functions of management. 8
(b) Explain major principles of plant layout. 7

OR

- (b) Give the objectives of scientific budget. 7

2 (a) Write short notes : (any three) 15
(i) Types of automation
(ii) Incentives in maintenance
(iii) Break down maintenance
(iv) Life cycle costing
(v) Essentials of successful business.

- 3** Attempt the following questions : (any **four**) **20**
- (i) Explain the classification of ITEMS.
 - (ii) Explain the types and components of maintenance cost.
 - (iii) Explain six step method for maintenance.
 - (iv) Explain the principles of scientific management.
 - (v) Role of public sectors in "Economic development".
 - (vi) Nature and scope of modern business.
- 4** (a) Define following terms : **5**
- (1) Industrial safety
 - (2) Fire
 - (3) Safety policy
 - (4) Danger
 - (5) Hazard.
- (b) Describe fire prevention system. **5**
- (c) Describe various causes of an accident. **10**
- 5** Describe various P.P.E. available in the industry for safety purpose. **10**

OR

- 5** Explain the term safety policy with respect to an industry describing objectives and responsibilities. **10**
- 6** Attempt the following : (any **four**) **20**
- (1) Safety audit
 - (2) Chemical Hazards
 - (3) Classes of fire
 - (4) Responsibilities of safety officers
 - (5) Steps to be taken in case of electric shock.