



RN-6271

B. E. - II (Sem. III) (Mech.) (ATKT) Examination
May / June - 2010
Industrial Organization, Maintenance & Safety

Time : 3 Hours]

[Total Marks : 100

Instructions :

(1)

नीचे दर्शाविए निशानीवाणी विगतो उत्तरवडी पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="B. E. - 2 (Sem. 3) (Mech.) (ATKT)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Industrial Organization, Maintenance & Safety"/>	<input type="text"/>
Subject Code No. : <input type="text" value="6"/> <input type="text" value="2"/> <input type="text" value="7"/> <input type="text" value="1"/>	<input type="text"/>
Section No. (1, 2,.....) : <input type="text" value="1&2"/>	<input type="text"/>
	Student's Signature

- (2) Attempt **all** questions.
- (3) Use **separate** answer book for each questions.
- (4) Figures to the right indicate full marks.
- (5) Draw neat sketches whenever necessary.

SECTION - I

- 1 Attempt any **two** : **16**
 - (i) Difference between process and product type of plant layout.
 - (ii) Explain the principle of scientific management.
 - (iii) Define organization and classify it on the basis of ownership and explain any one with merits and demerits.
- 2 Attempt the following questions : **20**
 - (i) Explain the classification of ITEMS.
 - (ii) What is the funtions of a maintenance engineer?
 - (iii) State importance of documentation in maintenance organization.
 - (iv) Classify the forms of Business Organization.

- 3** Attempt any **two** : **14**
- (i) Describe the factors that affect the selection of factory location.
 - (ii) Explain six-step method of maintenance.
 - (iii) Explain the types and components of maintenance cost.

SECTION - II

- 4** (a) Answer the following questions : **10**
- (i) What is accident?
 - (ii) Define fire.
 - (iii) Enlist name of personal protective equipments used for hand and head protection.
 - (iv) What is safety policy?
 - (v) Enlist different types of fire extinguisher.
- (b) Describe various causes of an accidents. **10**
- 5** Attempt any **three** of the following : **15**
- (i) Responsibility of safety manager
 - (ii) Electrical hazards
 - (iii) Safety audit
 - (iv) Measures for good house keeping
 - (v) F.I.R. procedure.
- 6** Attempt the following : (any **three**) **15**
- (i) General Safety rules
 - (ii) Fire Triangle
 - (iii) First Aid
 - (iv) Non respiratory type protective equipments.
