



B.E. Sem. IV Mech/Auto
June – 2009
Industrial Management

6 JUN 2009

Time : 3 Hours]

[Max. Marks : 100

- Instructions :** (1) Attempt all the questions.
(2) Figures to the right indicate full marks.

1. (a) State and explain the principles of management. 16
(b) Explain :
(1) Line and staff organization
(2) Functional organization

OR

- (a) Define 'scientific management'. Discuss the contribution of various authors in scientific management.
(b) Explain the principles of organisation. Discuss committee organization.
2. (a) Explain the functions of personnel management. 16
(b) Describe centre of gravity method for economic analysis of location alternatives with procedural steps.

OR

- (a) Explain by considering factors for location decision compare urban and rural location sites.
(b) Select any industry and evaluates its location considering each factor to be considered for location decision.
3. Attempt any three. 18
(i) Job evaluation and merit rating.
(ii) Primary and secondary functions of maintenance department.
(iii) Break-even economic analysis for location decision.
(iv) ABC Analysis.

4. (a) State and discuss prime sources of accidents. 16
(b) State the types of maintenance. Explain routine and schedule maintenance in detail.

OR

- (a) Describe job-safety analysis.
(b) Explain Bath tube curve and normal distribution curve pattern of failure.

5. (a) "Work-study" a tool for improving productivity, explain. 16
(b) State and explain the principles of material handling.

OR

- (a) State and explain the procedure of work-study.
(b) State the names of various purchase procedure and explain any two of them in detail.

6. Attempt any **three** : 18
- (i) Explain work study, method study, and work measurement.
 - (ii) Objectives of material management department. Discuss the cost of inventory.
 - (iii) Worker's Compensation Act.
 - (iv) Preventive Maintenance.
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