

[03 - 3213]

III/IV B.E. DEGREE EXAMINATION.

Second Semester

Mechanical Engineering

INDUSTRIAL ENGINEERING AND MANAGEMENT

(Common with Metallurgical Engineering)

(Effective from the admitted batch of 2006-2007)

Time : Three hours

Maximum : 70 marks

Question No. 1 is compulsory.

Answer any FOUR from the remaining.

All questions carry equal marks.

Answer to question No. 1 must be at one place.

Assume suitable data wherever necessary.

1. Write short notes on:

- (a) Organization
- (b) Labour Turnover
- (c) Picketing
- (d) Loading

(e) Travel chart

(f) Unit load

(g) SIMO chart.

2. State and briefly explain the principles and functions of management.
3. Discuss about the functions of personal management and theories of motivation.
4. Briefly explain about the factors affecting the plant location with suitable examples.
5. Discuss about the factors that need to be considered for selecting a material handling equipment.
6. What is method study? Explain the basic steps of method study with an example.
7. Discuss about Buying techniques and the procedure adopted for purchasing in a manufacturing sector.
8. Discuss about control charts for variables and attributes and explain how they are useful for quality control.