

**FACULTY OF ENGINEERING****B.E. 4/4 (EE/Inst.) II-Semester (Main) Examination, April / May 2013****Subject : Industrial Administration and Financial Management****Time : 3 Hours****Max. Marks: 75****Note: Answer all questions of Part - A and answer any five questions from Part-B.****PART – A (25 Marks)**

1. What is organization?
2. What is plant layout?
3. Define working study as per ILO.
4. State the factors considered in deciding performance rating factor
5. Differentiate between control charts and sampling plan in quality control.
6. State the objectives of SQL.
7. How is linear programming techniques useful in industrial administration?
8. State the importance of ABC control of materials in an industrial organization.
9. What is overhead? State its features.
10. What is depreciation? States its features.

**PART – B (5x10=50 Marks)**

- 11.(a) Sketch and explain the salient features of functional organization.  
(b) Explain the product types of plant layout and state its salient features.
- 12.(a) How does symbol and charts help in deciding a method study? Explain with an example.  
(b) Explain various types of factors considered in deciding performance rating factor of a worker.
- 13.(a) Explain the differences between R chart, P chart and C chart respectively in statistical quality control.  
(b) Explain the functioning and objectives of quality circles in industrial organization.
- 14.(a) Solve the material transportation problem between sources to destinations for minimum cost.

		Destination			
		E	F	G	H
Sources	A	3	7	1	4
	B	7	4	3	8
	C	4	5	7	9
	D	3	3	1	2

- (b) Explain the working of MRP of material planning.
- 15.(a) Explain any types of overheads in financial planning.  
(b) Explain two methods of depreciation.
- 16.(a) Explain O.C. curve in quality control.  
(b) Explain mixed type of plant layout.
- 17.(a) Explain EOQ model of maternal planning.  
(b) Explain BEA of a manufacturing units.