

AMIETE – ET/CS/IT (OLD SCHEME)**Code: AE16/AC17/AT20****Subject: INDUSTRIAL MANAGEMENT****Time: 3 Hours****Max. Marks: 100****JUNE 2009****NOTE: There are 9 Questions in all.**

- Question 1 is compulsory and carries 20 marks. Answer to Q. 1. must be written in the space provided for it in the answer book supplied and nowhere else.
- Out of the remaining EIGHT Questions answer any FIVE Questions. Each question carries 16 marks.
- Any required data not explicitly given, may be suitably assumed and stated.

Q.1 Choose the correct or the best alternative in the following: (2 × 10)

- a. In an economic system, the state of profit occurs in a system when efficiency is
- (A) greater than one (B) lesser than one
(C) equal to one (D) none of the above
- b. A system for measuring and inspecting a phenomenon
- (A) statistics (B) quality
(C) control (D) none of the above
- c. Indiscipline among employees will lead to
- (A) Increased Absenteeism. (B) Increased Production.
(B) Increased Employee Morale. (D) Decreased Labour Turnover.
- d. The methods used for solving transportation problems are
- (A) linear programming and Graphical method
(B) poisson and Normal distribution
(C) vogel's approximate and North-West corner method
(D) PERT and CPM
- e. The most precisely and widely used method of job evaluation is
- (A) ranking method (B) grading method
(C) factor comparison method (D) point method
- f. The number of standards in the ISO 9000 series are
- (A) Two (B) Three
(C) Four (D) Five
- g. Which method aims at reducing the transportation of in-process inventory from section to section?
- (A) Travel chart (B) Load path matrix method
(C) Correlation chart (D) Process flow chart
- h. The Industrial Disputes Act aims at settling disputes between

- (A) Employees and Trade Union. (B) Employees and Employer.
(C) Employees and Public. (D) Employees and Government.

i. The sum total of Direct Material Cost, Direct Labour Cost and Direct Expenses is

- (A) Prime Cost. (B) Factory Cost.
(C) Cost of Production. (D) Total Cost.

j. Laying down the flow chart of work in the plant is known as

- (A) routing (B) scheduling
(C) loading (D) line of balance

Answer any FIVE Questions out of EIGHT Questions.

Each question carries 16 marks.

Q.2 a. Explain the basic procedure of job evaluation. (8)

b. Explain time study and work measurement. (8)

Q.3 a. What are the characteristics and components of organization? (8)

b. What is the need for organization structure? What are the steps involved in organization design?
(8)

Q.4 a. Discuss the importance of employment tests in selection of employees. What are the characteristics of a good employment test? (8)

b. "Training of employees is essential in any organisation". Discuss the objectives and need for training.
(8)

Q.5 a. Discuss the concept of capitalization. When is the need of capitalization? (8)

b. What is the purpose of project management? Also explain briefly the different types of projects.
(8)

Q.6 a. Define Budget. What are the functions of budget? (6)

b. What do you understand by 'Breakeven chart'? How breakeven chart is helpful in management?
(6)

c. Why running enterprises go for project organization? (4)

Q.7 a. What are the duties and responsibilities of a foreman towards management and workers? (8)

b. Calculate the rate of payment per hour for 5 workers working for 25 days a month from the data given below:

Material cost	–	Rs 25,000/-	
Labour cost	–	35 % of factory cost	
Factory overheads	–	15 % of Factory cost	
Working hr/day	–	8 hrs.	(8)

- Q.8** a. What is the concept of Inventory models? Explain different types of Inventory models. **(8)**
- c. What are the advantages of good control over the Inventories? **(8)**
- Q.9** a. Define Trade Unions and explain their functions. **(8)**
- b. Define Industrial Disputes. Explain the causes of industrial disputes. **(8)**