## AMIETE - ET/CS/IT (OLD SCHEME)

Code: AE16/AC17/AT20 Subject: INDUSTRIAL MANAGEMENT
Time: 3 Hours Max. Marks: 100

## **DECEMBER 2010**

**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.
- The answer sheet for the Q.1 will be collected by the invigilator after half an hour of the commencement of the examination.
- 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:

(2x10)

- a. The founder of Scientific management is
  - (A) Elton Mayo

**(B)** Peter F. Drucker

(C) Henry Fayol

(D) F. W. Taylor

- b. At break-even point
  - (A) Fixed cost and variable cost are equal
  - (B) sales revenue and total cost are equal
  - (C) sales revenue is more than total cost
  - (D) sales revenue and fixed cost are equal
- c. Production Planning consists of
  - (A) Preplanning and routing
  - (B) Scheduling and dispatching
  - (C) Expediting
  - (**D**) All of the above
- d. 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.
- e. Job enrichment includes
  - (A) Greater responsibility
- **(B)** Greater authority
- **(C)** Both (A) and (B)
- **(D)** None of the above

	f. In	ventory can be in the form of										
		<ul><li>(A) Raw materials</li><li>(C) In process goods</li></ul>	<ul><li>(B) Semi finished goods</li><li>(D) all of the above.</li></ul>									
	g. A linear programming problem is called so, because in that problem											
	<ul> <li>(A) all the functions expressing the constrains are linear</li> <li>(B) the objective function also should be linear</li> <li>(C) both (A) and (B)</li> <li>(D) None of the above.</li> </ul>											
	h. An investment cost input to be made by the firm is called											
		<ul><li>(A) Direct cost</li><li>(C) Appraisal cost</li></ul>	<ul><li>(B) Indirect cost</li><li>(D) None of the above</li></ul>									
	i. ]	ISO certification is										
		<ul><li>(A) not a cure all for quality</li><li>(C) a mean for quality management</li></ul>	(B) not a TQM (D) all of the above									
	j. 1	Advertisement helps in										
		<ul><li>(A) Increase in sales</li><li>(C) Precipitating buying action</li></ul>	<ul><li>(B) Building-up the brand image.</li><li>(D) all of the above</li></ul>									
Answer any FIVE Questions out of EIGHT Questions.  Each question carries 16 marks.												
Q.2	a. Enlist various schools of management thoughts. Explain any two of them in detail.											
	b. Define planning. Enumerate various actions taken by a planning manager for effective planning.											
	c. State duties of: (i) Design officer and (ii) Sales officer.											
Q.3	ory and Neo- classical theory of	(6)										
	b. De	escribe the needs, advantages and li	the needs, advantages and limitations of a project organisation.									
	c. Explain Taylor's functional organisation. (4)											
Q.4	a. Ex	plain the objectives and characterist	tics of organizational development.	(8)								

	b. Discuss the motivation need, factors affecting motivation and motivational techniques.										
Q.5	a.	a. State characteristics of a good personnel policy.									
	b. Explain each of the following: strikes, lockout, picketing and gherao.										
	c. Differentiate 'Productivity' and 'Production'.										
Q.6	a. Explain the process of a budget formation for a medium size firm.										
	b. Give difference between CPM and PERT.										
c.		A project plan is given below. Solve the problem and construct the network.									
		Task	A	В	С	D	Е	F			
		Precedence Task	-	-	В	A,C	A	D,E			
Q.7	a.	a. Define Market Research. Explain various techniques of market research.									
	b.	b. Explain the various methods of executive training and development.									
Q.8	a. Explain the concept of break even analysis with the help of diagram.										
	b. Explain ABC Analysis of Inventory Control by giving an illustration.										
	c. Discuss group dynamics.										
Q.9		Write technical note	es on:						(16)		
	(i) Managerial Leadership.										
	(ii) Features of Minimum wages Act 1948.										
	(iii) Grievance Handling.										
	(iv) Product Packaging.										