

INDIAN INSTITUTE OF MATERIALS MANAGEMENT
Post-Graduate Diploma in Material Management

PAPER-18.A
Project Management

Date : 16.06.2009
Time : 2.00pm To 5.00pm

Max marks : 100
Duration : 3 hrs.

INSTRUCTIONS :

1. From Part 'A', answer four questions (Compulsory). Each sub-question carries 01 mark.
Total: 32 Marks
 2. From 'B', answer any 3 out of 5 questions. Each question carries 16 marks.
Total Marks: 48
 3. Part 'C', is a case study with sub questions (Compulsory) Total Marks: 20
 4. Use of calculator and/or mathematical table is permitted. Graph sheet can be used wherever necessary.
 5. Please read the instruction on the answer sheet.
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Part -A

**Q.1 Choose the most appropriate statement out of the alternatives suggested
(There is only one right answer) Marks: 08**

- 1 : **Which term defines the process of project compliance with policies and procedures?**
 - A. Quality control
 - B. Quality assurances
 - C. Quality audits
 - D. Quality control management
2. **Which of the following are negative possibilities if quality requirements are not met?**
 - A. Overworking team members and poor product quality
 - B. Customer complaints and late product
 - C. Poor quality
 - D. Termination
3. CPM provides the following benefits
 - a) graphical view of the Project
 - b) inter-relationship among various tasks
 - c) Predicts time required to complete the project
 - d) all the above
- 4.. PLC means
 - A) Project Life Cycle
 - B) Product Line Cycle
 - C) Process Life Cycle
 - D) Promote Life Cycle
5. Meaning of Project Management
 - A) Formulation of Project
 - B) Identification of Project
 - C) Execution of Project
 - D) Above all

6. Basic element of Market Mix
 - A) Process Place, Promotion, Price
 - B) Product, Place, Process, Price
 - C) Project, Place, Promotion, Price
 - D) Product, Place, Promotion, Price

7. The technique used for scheduled the tasks and tracking of the progress of energy management projects is called
 - A) CPM
 - B) Gantt Chart
 - C) CUSUM
 - D) PERT

8. The time between its earliest and latest start time, or between its earliest and latest finish time of an activity is
 - A) Delay time
 - B) Slack time
 - C) Critical path
 - D) Start time

Q. 2 indicate if the following are True T OR False F

Marks: 08

- 1) Project financing is one of the step of project management.
- 2) Project is a well-defined work to be accomplished.
- 3) Project life Cycle is not involves abandonment stage.
- 4) DPR means Domestic Project Report.
- 5) PERT means Progress Evaluation and Review Technique.
- 6) Project planning and development is a process of designing a project in an orderly manner.
- 7) According to Peter Drucker, "Whatever a manager does, he does through decision-making.
- 8) CPM can not be analyzed statically.

Q. 3. Link & Connect the following correctly.

Project Life Cycle	Inventory Control
JIT	James Culliton
TQM	Decision Making tool
Marketing Mix	Development of manpower
CPM	Profit loss analysis
Break-even Chart	Fitness for purpose
Quality	Project Control
Personnel Management	Deming and Juran

Q. 4.. Fill in the blanks with correct option.

Marks: 08

- 1) CPM is a project planning and control technique which is an attempt to complete the given project quickly as possible with -----possible cost.
- 2) Four Cs of customers are Customer solution, Customer Cost, Customer Convenience, Customer -----.

- 3) Project planning and development is process of designing a project in an ----- manner.
 - 4) A branching chart showing the actions that occur from various combinations of ----- and decisions
 - 5) Style, shape, design, colour, quality and other physical features of a-----.
 - 6) People that are in any way ----- by the new product or service within the Performing Organization
 - 7) Quality means-----of customer.
 - 8) Satisfaction of customer is nothing but -----of the Product.
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PART-B

Answer Any three from following.

- Q.5.** a). Write short notes on Material Requirement Planning. **Marks: 08**
- b). Define Just in time (JIT) system and explain basic concept of JIT manufacturing. **Marks: 08**
- Q.6.** a) Explain the need of project plan? . **Marks: 08**
- b) Write a detail note on “Inventory Optimization”. **Marks: 08**
- Q.7.** a) Explain any one technique used in network analysis. **Marks: 08**
- b) Explain any two forecasting methods. **Marks: 08**
- Q. 8.** a) Explain the decision making process in details. **Marks: 08**
- b) Explain the term “Total Quality Management”. **Marks: 08**
- Q.9.** Explain the various stages of a Project Life Cycle with suitable example of product. **Marks: 16**
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PART-C

- Q.10** The fixed costs for the year 1975-1976 are Rs. 8,00,000. Variable cost per unit is Rs. 40. The estimated sales for the period are valued at Rs. 20,00,000. Each unit sells at Rs. 200
- a) Find the break even point. **Marks: 05**
- b) If Rs. 16,00,000 will be the likely sales turnover for next budget period, calculate the estimated contribution and profit. **Marks: 05**
- c) If a profit target of Rs. 6,00,000 has been budgeted, compute the turnover required. **Marks: 05**
- d) Draw the BREAK EVEN Chart for above said example. **Marks: 05**
