

**DEC-2010**

**INDIAN INSTITUTE OF MATERIALS MANAGEMENT**  
**Post Graduate Diploma in Materials Management**

**PAPER-18.a**  
**Project Management**

DATE: 19.12 .2010  
Time : 2.00pm to 5.00pm

Max. Marks: 100  
Duration : 03 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. State true or false. Marks: 08

- a) Word Project Management is concerned with management of projects.
- b) Product Life Cycle is widely used for marketing management.
- c) PERT stands for Program Evaluation and Receive Technique.
- d) Intimacy means 'How well people need to get to know each other?'
- e) 'S' Curve can alone help the management in monitoring the progress of the project.
- f) One of the most important functions of a manager is to take decision.
- g) The financial cost and benefits of a project are properly known as Cash Return.
- h) Detail project report is a further step in examination the feasibility of project.

Q. 2 fill in the blank. Marks: 08

- 2.1 Project objectives are economical and ..... in nature.
- 2.2 ----- phase is design or the planning stage of project.
- 2.3 Gantt bar chart used to be the only ..... tool which was considered to be the best tool.
- 2.4 Effective ----- management ensures right materials, in right quantities, at right price at place.
- 2.5 . The ----- organization is a combination of line & functional organizations and hence contains advantages to both.
- 2.6 ISO ..... is an Environmental Friendly Standard.
- 2.7 The ----- and ----- analysis can be used in project management in the area of Conflict Management”.
- 2.8 Project execution is a powerful ----- tool to monitor and manage projects.

Q. 3. Link & Connect the following correctly.

Marks: 08

3.1 Cause and effect analysis	Economical Consideration
3.2 Break-even Chart	Breaking the total project
3.3 CADD	Progress of various phases
3.4 TQM	Graphic Intimation
3.5 WBS	Right produced, first time.
3.6 DPR	Fitness for purpose
3.7 Quality	Pareto Analysis
3.8 LOB	Profit loss analysis

Q4. Expand Following

Marks: 08

4.1 PERT

4.2 DSS

4.3 DPR

4.4 JIT

4.5 PMIS

4.6 CAPM

4.7 HRM

4.8 PLC

#### PART-B

Answer any three questions from following.

Q.5. a) Discuss the process of project formation.

Marks: 08

b) Describe Product Life Cycle.

Marks: 08

Q.6. Give a detailed overview of project planning and scheduling.

Marks: 16

Q.7. Discuss the critical success factors in project management.

Q. 8. Discuss the importance of demand analysis in project management.

Marks: 16

Q.9. Explain the various stages of a Project Life Cycle with suitable example of product.

Marks: 16

## PART-C

The U.K National Lottery was set up with the intention of providing a fund raising tool for culture and arts. The government put out an open invitation to tender for the contract to run the £5 billion - a - year business. With costs allowed, it would be worth in the region of £ 700 million in profit per annum to the winning bidder. The bidders were consortia of companies. The project was too big and required a wide range of skills for one company. The idea was for people to be able to select their own lottery numbers, enter them at £1 a time in a range of retail stores, and for the winning number to be drawn on prime time TV once a week. The winner could receive between £1 and £10 million. The bids were submitted in February and on Wednesday 25th May 1994, the contestants were informed of the outcome. The came out consortium would be awarded the contract. The main players in the consortium were:

Racal - to provide electronics expertise.

G. Tech - an American Lottery organizes.

De la Rue - to provide printing and security.

ICL - to provide computing expertise.

Q.10 A) Explain the 'Project Management' in view of Government.

Marks: 08

B) How consortium will work like a whole unit? Explain 'Project Management' for above said Lottery Business.

Marks: 12

