

PSG POLYTECHNIC COLLEGE, COIMBATORE - 641 004

DIPLOMA ODD SEMESTER EXAMINATIONS – NOV 2012

M12502-INDUSTRIAL MANAGEMENT

MODEL QUESTION PAPER

Time : 3 Hours

Max.Marks: 100

Instructions:

1. **Group A** and **Group B** questions should be answered in the Main Answer book.
2. Answer any **TEN** questions in **Group A**. Each question carries three marks.
3. Answer **ALL** questions either **(a)** subdivision or **(b)** subdivision in **Group B**. Each question carries 14 marks.

Group – A**Marks: 10 x 3 = 30**

1. State and explain the functions of a manager in an industry.
2. What are the functions of line and staff organization?
3. Describe the various factors affecting wage structure.
4. State the symbols used in method study.
5. Write the objectives of work measurement.
6. Differentiate between synthesis from standard data and pre determined motion time system (PMTS).
7. Mention the symbols used in method study.
8. Discuss automated process planning with a line diagram.
9. Define the types of production.
10. What is meant economic order quantity? Explain with graph.
11. Write the elements of cost.
12. Why the safety stock is necessary?
13. What are the objectives of Plant maintenance?
14. What are the scientific principles adopted in designing a plant layout?
15. List out the advantages of good maintenance.

Group– B**Marks: 5 x 14 = 70**

- 16.a) i] List out Principles of management by F.W Taylor. (7)
- ii] Discuss any three managerial functions. (7)
- (OR)**
- b) i] Describe the recruitment of selection functions in human resource management. (7)
- ii] What are the components of wage? Describe each of them. (7)
- 17.a) i] Write down the basic procedure followed for conducting method study. (7)
- ii] What are the different types of flow process chart? Explain one chart with an example. (7)
- (OR)**
- b) i] What are the different recording techniques used in method study? (7)
- ii] In detail explain the procedure for conducting a stop watch time study. (7)

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- 18a) i] Describe the objectives and functions of production planning. (7)
ii] Name a few forecasting techniques and explain any one. (7)
(OR)
- b) i] What is process planning? Give a specimen of process sheet. (7)
ii] Describe automated process planning techniques. (7)
- 19.a) i] Describe with a block diagram how the selling price of a product is carried out (7)
ii] Explain the different elements of inventory cost. (7)
(OR)
- b) i] What is EOQ? Explain with a sketch. (7)
ii] Discuss procurement and consumption cycle with a sketch. (7)
- 20.a) i] Explain the various factors that are considered for the selection of a site (7)
for a plant.
ii] What is plant layout? State the objectives of a good layout. (7)
(OR)
- b) i] Compare preventive and breakdown maintenance. (7)
ii] What are the advantages and limitations of scheduled maintenance? (7)

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