

**Bachelor of Business Administration
Annual Examinations – 2006**

**Paper BBAD - 204
Production and Operation Management**

Time allowed: Three hours

Maximum Marks: 100

Section I - All questions

Section II – Six questions

Section III – Five Questions

SECTION – I

Marks

Q1. Attempt all the objective type question given below

1X20=20

- a) Charles Babbage (1883) gave the fourth advantage of division of labour called _____.
- b) Production planning and control can be very _____.
- c) Product strategy is _____.
- d) The four generic components of innovations are _____.
- e) Labour conflict is _____ many companies.
- f) Three basic types of Lay outs _____.
- g) Economic utilization of materials brings prosperity to the _____.
- h) There is an array of demand forecasts that can be _____.
- i) Delphi method is a process of involving _____.
- j) Production planning can be done at three levels namely _____, _____, _____.
- k) A good and effective production – control system requires _____.
- l) Kimball and Kimball define scheduling as _____.
- m) Work Study is a management tool to achieve _____ in an organisation.
- n) The purchase department must keep _____.
- o) When the system components are arranged in parallel then the _____.
- p) The prime function of a work study department is to _____.
- q) Materials management is a specialised area of _____.
- r) Inventory is the physical stock of _____.
- s) Working capital is _____.
- t) The material management is a total concept involving _____.

SECTION – II

Q2. Answer any six of the following questions in about 75-100 words.

5X6=30

- i) Write down the objectives and scope of production management?
- ii) Define TLC (Technology life cycle).
- iii) Explain briefly any two of the following categories of process technologies –

- a) Project type
 - b) Job type
 - c) Continuous flow technology
 - d) Open loop system
- iv) What is modular design and standardization ?
 - v) "Rome was not build in a day" same dictum is applicable to product development. Explain
 - vi) Define the term Inventory and state its characteristics.
 - vii) Write short notes on any two –
 - a) Materials Management as a profit centre
 - b) Stock keeping functions
 - c) Scope of materials management
 - viii) Define Reliability? How it can be build into the product?
 - ix) Define Dispatching. Explain the principal functions of Dispatching.
 - x) What are the objectives and inputs of scheduling?

SECTION – III

Q3. Attempt any five questions in about 300-400 words. 5X10=50

- i) Explain briefly the decision making process in Production Management.
- ii) Define Product. State the importance of products and type of products.
- iii) Explain in brief the factors of selling and buying for consideration regarding the location of plant.
- iv) What are the different guiding fundamentals to successful layouts?
- v) Explain briefly about Principles of materials handling.
- vi) The potential locations Punjab, Delhi and Haryana have the cost structure shown for producing Telecommunications set expected to sell for Rs. 90. Find the most economical locations for an expected volume of 1850 units/ year.

Site	Fixed Cost / Year	Variable Cost / Year
Punjab	20,000	50
Delhi	40,000	30
Haryana	80,000	10

- vii) Describe the nominal group method of forecasting and how it differs from the Delphi method.
- viii) How does work study lead to higher Productivity? Support your answer with a figure.