

**TILAK MAHARASHTRA VIDYAPEETH**  
**Bachelors of Business Administration (Distance)**

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**Home Assignment – Semester IV**

Marks : 80

Production & Operation Management

Code : 71413

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*Note:*

- \* The Paper consists of two sections I & II
- \* Attempt any 4 questions from Section I
- \* Questions from Section I carry equal marks
- \* Section II is Compulsory

**Section I**

Q.1. “What is production management? Give functions of production Manager. (15)

**OR**

What is manufacturing system? Explain details about the Batch production & its characteristics.

Q.2. What is Job shop production? Explain variety of problems in Job production? (15)

**OR**

What is facility location? Explain factors responsible for plant location.

Q.3. What is production planning & control? Give the functions of production planning & control. (15)

**OR**

What is planned maintenance? Give the types of maintenance system.

Q. 4. Write short Notes. (Any 3) (15)

- 1) Continuous manufacturing system.
- 2) Objectives of maintenance
- 3) Critical path method
- 4) Preventive maintenance
- 5) Incentive maintenance

**Section II**

Q.5 Multiple choice Questions (20)

- 1) When the product have variety & relatively having a small valve then which process are --
  - a) Continuous process
  - b) Batch Production

- c) Job shops production
  - d) Unit manufacturer of project
- 2) Limited number of items are produced continuously without any changes, then this process are --
- a) Continuous process
  - b) Batch process
  - c) Job shop production
  - d) Unit manufacturer
- 3) Method of allocating machines & equipment production processes as well as other services for performing various operations is known as –
- a) Product layout
  - b) Facility layout
  - c) Plant layout
  - d) Production layout
- 4) Identifying the path of how a product is manufactured right from input & raw material into finished product , this process is known as --
- a) Scheduling
  - b) Loading
  - c) Routing
- 5) Maintenance refers to maintenance performed prior to any breakdowns is
- a) Breakdown maintenance
  - b) Preventive maintenance
  - c) Spare part maintenance
- 6) The equipment or machines are required only when they are out of order or cannot function and the maintenance department is --
- a) Breakdown maintenance
  - b) Preventive maintenance
  - c) Spare part maintenance
- 7) A sampling inspection plan rejects a lot which have been accepted , this is a loss to the producer/ manufacturer is known as
- a) Consumers risk
  - b) Buyers risk
  - c) Producer's risk
  - d) Perceived risk

- 8) In production with the sequence of operation where the output of the first facility becomes the input of the next stage this production is --
- a) Batch production
  - b) Continuous production
  - c) Mass production
  - d) Job production
- 9) In manufacturing system the component of the system are namely ---
- a) Input, control, output
  - b) Input, transformation process output
  - c) Input, Decision making, output
- 10) Factors tending to reduce productivity --
- a) Correct quality standard
  - b) Bad design
  - c) Standardization
  - d) Single product
- 11) Basic ways to Increase productivity --
- a) Increase manpower
  - b) Increase the output keeping input constant
  - c) Purchase bulk quality of raw material
  - d) To purchase a new automatic machinery
- 12) Process of examining on object for identification it for verification of quality and quantity in any of its characteristics this process is --
- a) Interpretations
  - b) Statistical quality control
  - c) Supervision
  - d) Inspection
- 13) Process consisting of assignment of standing and completion times for various operations to be performed this process is called as --
- a) Routing
  - b) Scheduling
  - c) Loading
  - d) Documentation
- 14) ISO 9001:2000 insists on documentation of all department due to --
- a) Increase production
  - b) Build in quality for manufacturing process & services.
  - c) To update documentation
  - d) To update process.

- 15) Determination of a path over which an item travel from raw material into a finished product, this process is known as --
- a) Scheduling
  - b) Dispatching
  - c) Routing
  - d) Production work order
- 16) The Function of production manager is --
- a) To increase production
  - b) To increase manpower
  - c) To store raw material in huge quality
  - d) To control labor costs & control inventory.
- 17) Selection of appropriate location is important due to --
- a) It determines the operating & capital cost to be incurred.
  - b) For the convenience of transport.
  - c) For fulfillment of government norms.
  - d) For the employees convenience.
- 18) Selection of business area in rural area has advantage of –
- a) Cost of running the plant reduced.
  - b) Good communication facilities such as telephone, E-mail, internet etc.
  - c) Easy availability of local markets.
  - d) High availability of skilled employees.
- 19) Any quality control programme involves 3 basic aspects –
- a) Engineering , statistical & Management
  - b) Quality , Control & Quantity
  - c) Measurements, feedback & comparison with standard.
  - d) Maintenance, quality improvements & customer satisfaction
- 20) Productivity is a ratio between --
- a) Input & output
  - b) Output & input
  - c) Income & expenses
  - d) Raw material & labor