

Total No. of Questions : 7]

SEAT No. :

PD1401

[6440]-602

[Total No. of Pages : 3

S.Y. B.B.A.

**402 - GC : PRODUCTIONS AND OPERATIONS MANAGEMENT
(2019 Pattern) (Semester-IV)**

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) *Q.No. 1 and Q.No. 7 are compulsory.*
- 2) *Attempt any three from Q.No. 2 to Q.No. 6.*
- 3) *Figures to the right indicate full marks.*

Q1) Compulsory Question :

A) Multiple Choice Questions :

[5]

- a) The primary responsibility of manufacturing activity is to produce.
 - i) service
 - ii) sales
 - iii) product
 - iv) value
- b) On _____ path determination to be followed from department to department and machine to machine till raw material get its final shape.
 - i) scheduling
 - ii) routing
 - iii) dispatching
 - iv) follow-up
- c) Ergonomics derives from the word - which means science of work and a person relationship to that work.
 - i) Latin
 - ii) Greek
 - iii) French
 - iv) Western
- d) CAM stands for _____.
 - i) Computer Automated Manufacturing
 - ii) Computer Aided Manufacturing
 - iii) Computer Anti Manufacturing
 - iv) Computer Applied Manufacturing
- e) Work Order, Time Cards and Inspection Tickets are the forms used in _____.
 - i) Scheduling
 - ii) Dispatching
 - iii) Follow-up
 - iv) Routing

P.T.O.

- B) Fill in the Blanks : [5]
- a) _____ is the process of which goods and services are operated.
 - b) The concept of Routing and Scheduling can be elaborated with the case of _____ and _____.
 - c) _____ is the relationship between the amount of outputs and inputs needed to produce a product.
 - d) _____ tickets are used for authorising over the movement of the material from shops and from operation to operation.
 - e) _____ is the scientific discipline concerned with the understanding of interaction among human.
- C) Match the Pairs : [5]
- | | |
|-----------------------|--|
| a) Quality Control | i) Reduction in Variable Cost |
| b) Dispatching | ii) Science of Work |
| c) Time Cards | iii) Release of Orders and Instructions for starting of Production |
| d) Ergonomics | iv) Wage Payment |
| e) Manufacturing Cost | v) Optimize & Streamline the Production Chain |
- D) Answer in one sentence : [5]
- a) Types of Schedules.
 - b) Define Plant Design.
 - c) Forms of Dispatching.
 - d) What is Quality Control?
 - e) Define Automation.

Q2) Define Production Management. Explain the objectives of Production and Operation Management. [10]

Q3) What do you mean by Production Planning and Control? State its principles and objectives. [10]

Q4) Define Maintenance Management. Explain types of Maintenance Management. [10]

Q5) Define Ergonomics. Explain the Bio-Mechanical factors and safety equipment device. [10]

Q6) Define Production Design. Explain the meaning, objectives and product policy techniques of product development. [10]

Q7) Write short notes (Any 4 out of 6) : [20]

- a) Functions of Production Planning and control.
- b) Types of Production System.
- c) Plant Layout.
- d) Importance of Ergonomics.
- e) Factors affecting production control.
- f) Objectives of Production Control.

