

**PARUL UNIVERSITY**  
**FACULTY OF MANAGEMENT**  
**BBA Summer 2018 - 19 Examination**

**Semester: 6**  
**Subject Code: 06101352**  
**Subject Name: Production and Operation Management**

**Date:11/04/2019**  
**Times:02:00pm to 04:30pm**  
**Total Marks: 60**

**Instructions**

1. All questions are compulsory.
2. Figures to the right indicate full marks.
3. Make suitable assumptions wherever necessary.
4. Start new question on new page.

**Q.1 Do as Directed.**

**A).Multiple choice type questions/Fill in the blanks. (Each of 1 mark) (05)**

1. **Objective of Work Study is to improve \_\_\_\_\_**
  - A. Cycle time
  - B. Productivity
  - C. Production
  - D. All of the above
2. **Fixed position layout is adopted when...**
  - A. Products are of different variety
  - B. Product is very heavy involving assembly of large number of parts
  - C. Products are in large numbers
  - D. All of the above
3. **A good layout requires determining....**
  - A. Capacity and space requirements
  - B. Material handling requirements
  - C. Flows of information
  - D. All of the above
4. **MRP is the part of....**
  - A. RRP
  - B. CRP
  - C. Both
  - D. None of these
5. **JIT system was developed at \_\_\_\_\_ Company in \_\_\_\_\_**
  - A. Toyota Company, Germany
  - B. Toyota Company, Japan
  - C. Taiichi Ohno, US
  - D. Kawasaki, US

**B).Define the following. (Each of 1 mark) (05)**

1. Motion study
2. Small Order Purchase
3. Fixed layout
4. KANBAN
5. MRP

**C).Direct questions. (Each of 1 mark) (05)**

1. What do mean by work measurement?
2. What is Blanket Order?
3. What do you mean by Job Shop Production?
4. What is the main feature of JIT System?
5. What is the ERP?

**Q.2 Answer the following questions.**

**A). Describe types of production management in detail. (07)**

**B). Explain process layout and product layout. (08)**

**Q.3 Answer the following questions.**

**A). Explain concept and process of purchasing in detail. (07)**

In this changing business it is important to win hearts of customer though quality and cost of the product or service. It is also required to have productive production with continuous

**B). improvement. The present need of the organization is to deliver high quality product through continuous improvement. To fulfill these requirements, 5S technique emerged for better production in the industries. Explain in detail. (08)**

**Q.4 Attempt any two questions. (Each of 7.5 mark)**

**(15)**

- A)** Explain function of PPC in detail.
- B)** Explain factors affecting plant layout in detail.
- C)** What is a cellular layout? How is it different from a process layout? How is group technology useful in cellular layout?
- D)** Explain current quality control practices in India.