

[A-14] Seat No: \_\_\_\_\_

No. of printed page: 1

**SARDAR PATEL UNIVERSITY**  
**BBA (Gen. & Hon.) (VI Sem.) (2010 Batch) Examination**  
**2017**

**Wednesday, 15<sup>th</sup> March**  
**2.00 pm - 4.00 pm**  
**UM06CBBA01 - Operation Management**

**Total Marks : 60****Note:** Figures to the right indicate marks.

Q.1 What is Operation Management ? Explain its importance. (15)

**OR**

Q.1 Explain the role and responsibility of Operations Managers in modern business. (15)

Q.2 What is Production Process ? Explain the features and types of Production Process. (15)

**OR**

Q.2 What is Plant Layout ? Explain the various factors affecting Plant Layout. (15)

Q.3

(a) What is Method Study ? Explain its objectives. (08)

(b) What is Time Study ? Explain the tools of Time Study. (07)

**OR**

Q.3 The following table gives the continuous time of machine for a job. (15)

Observations	Elements		
	1	2	3
1	2	8	12
2	15	22	26
3	28	34	38
4	41	48	53
5	55	61	66
6	69	76	81
Average Rating	110 %	120 %	110 %
Allowance	20 %	15 %	10 %

**Find :** (1) Standard time for each element

(2) Standard time for operation

(3) Staff requirement, if 1000 pieces are to be produced per shift of 8 hours. How many workers will be required.

Q.4 Write Short notes (**Any Two**): (15)

(1) Importance of Production Control

(2) Objectives of Production Planning

(3) Explain the Concept of Critical Path Method (CPM) with logical example

(4) Routing

