

30

No. of Printed Pages: 02

(A-57) SARDAR PATEL UNIVERSITY

BBA(G) SEMESTER VI EXAMINATION, MARCH 17, 2015

SUBJECT: OPERATIONS MANAGEMENT

SUBJECT CODE: UM06CBBA01/06

TIME: 2.30 PM TO 4.30 PM

Note: (i) Figures to the right indicate marks.

- Q. 1 (a) Explain the scope of Operations Management ,Also explain its importance 7
- (b) Explain the role and challenges of Operations Manager in modern business environment 8

OR

- (a) What is Operations Management? Explain the different areas of it. 7
 - (b) Define the term Operations Management. Explain its important functions 8
- Q. 2 (a) Differentiate between batch and mass production with the illustrations 7
- (b) Explain(i) process lay-out and(ii) product lay-out 8

OR

- (a) Which factors would you consider while designing plant lay-out of large scale pharmaceutical unit in Delhi 7
- (b) Differentiate between continuous and intermittent manufacturing process. 8

- Q. 3 (a) The following table gives the continuous time t minutes for a job 7

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

Calculate: (a) Standard time for each elements

(b) Standard time for whole job

(c) If 1000 units are to produce in one shift of 8 hours, how many workers will be required?

(b) Write note on (i) SIMO chart and (ii) Flow Process Chart 8

OR

(a) Describe the steps in time study. 7

(b) Write note on (i) Man-machine chart (ii) Standard time and (iii) Operation Process Chart 8

Q. 4 (a) Draw PERT diagram for the following data of a project 7

Activity	:	A	B	C	D	E	F	G
Immediate Predecessor	:	-	-	B	A,C	B	B,D	E,F
Days	:	5	6	8	7	4	10	6

(b) Explain the significance of Production Planning and Control. 8

OR

(a) Discuss meaning, objectives and importance of routing and scheduling. 7

(b) Write note on (i) CPM (ii) PERT 8
