

SEAT No. _____

[A-41]

No. of Printed Pages: 02

SARDAR PATEL UNIVERSITY
B.B.A. (General) (VI Semester) (2010 Batch) EXAMINATION
Monday, 9th April 2018
2.00 p.m. to 4.00 p.m.
OPERATIONS MANAGEMENT
(UM06CBBA01)

Maximum Marks: 60

Q.1 Explain the terms "Production Management", "Operations Management" and "Operating System". Discuss in detail major functions of operating system. **15**

OR

Q.1 A Write a brief note on scope of Operations Management. **05**

Q.1 B Write a detail note on roles and responsibilities of operations management. **10**

Q.2 A Differentiate between continuous production process and intermittent production process. **05**

Q.2 B What are the factors would you consider while selecting layout of your manufacturing process. **10**

OR

Q.2 Explain in detail with diagrams various types of plant layouts. **15**

Q.3 A Define the term Method Study and discuss its procedure. **10**

Q.3 B Write a note on String diagram. **05**

OR

Q.3 A What is Time Study? Discuss the tools of time study. **05**

Q.3 B Prepare Man machine chart from following details and give necessary calculations: **10**

Activities	Machine 1	Machine 2
Inspection of job	2 minute	2 minutes
Unloading of machine	3 minutes	2 minutes
Actual machining	12 minutes	12 minutes
Loading of machine	5 minutes	6 minutes

Q.4 Write a note on the following:

03×05=15

- 1) Route Sheet.
- 2) Importance of Production Control.
- 3) Follow up stage of PPC

OR

Q.4 A Discuss the major functions of Dispatching section.

07

Q.4 B A researcher gives following details with expected time for various activities related to the completion of his thesis:

08

Activity list	Predecessor	Expected time in weeks
A Search of literature	NIL	6
B Deciding the title	NIL	5
C Committee selection	B	2
D Formal Proposal	C	2
E University approval	A,D	2
F Progress report	D	1
G Formal research	A,D	6
H Data collection	E	5
I Analysis	G,H	6
J Conclusion	I	2
K Draft	F	4
L Final copy	J,K	3
M Oral examination	L	1

- (A) Draw network diagram.
- (B) Calculate project completion time.
- (C) Calculate no. of dummies.

← X →