

S.D.E.

B.B.A. (2006 COURSE) SEM- IV : WINTER - 2017
SUBJECT: PRODUCTION AND OPERATIONS MANAGEMENT

Day: **Thursday**
Date: **21/12/2017**

Time: **02.00 PM TO 05.00 PM**
Max Marks: 80

W-2017-4113

N.B:

- 1) Attempt **ANY FIVE** questions from Section-I and **ANY TWO** questions from Section - II.
- 2) Answer to both the **SECTION** should be written in **SEPARATE** answer books.
- 3) Figures to the right indicate **FULL** marks.

SECTION-I

- Q.1** Explain the concept of planning for production with suitable examples. (10)
- Q.2** Describe the process selection in detail. (10)
- Q.3** What do you understand by scheduling? Describe with appropriate examples. (10)
- Q.4** Explain the importance of Method Study. (10)
- Q.5** Describe Just- In – Time (JIT) system with relevant examples. (10)
- Q.6** Explain the concept of Quality in brief. (10)
- Q.7** Elaborate Critical Path Method (CPM) with examples. (10)

SECTION-II

- Q.8** Design a facility layout for large scale product manufacturing unit. (15)
- Q.9** Draw network diagram for the project and calculate critical path. (15)

Activity	Predecessor	Duration (days)		
		Optimistic time	Most likely time	Pessimistic time
A	-	15	4	6
B	-	12	8	16
C	A	5	4	12
D	B	3	1	5
E	D,A	2	2	2
F	B	5	4	6
G	C,E,F	14	10	18
H	G	20	18	24

- Q.10** Discuss the computer system & packages with suitable examples. (15)

* * * * *