



PG – 920

III Semester M.B.A. Degree Examination, February 2017  
(CBCS)  
MANAGEMENT

Paper – 3.2 : Projects and Operations Management

Time : 3 Hours

Max. Marks : 70

SECTION – A

Answer **any five** questions. **Each** question carries **five** marks. (5×5=25)

1. What is meant by the 7 wastes ?
2. What is 5 S system of housekeeping ?
3. What is meant by six regime ? Explain its importance.
4. Explain with suitable examples, the concept of productivity.
5. What are the different classifications of inventory management ?
6. What do you understand by ban operations ?
7. What is meant by risk ? How can it be mitigated ?

SECTION – B

Answer **any three** questions from the following. **Each** question carries **ten** marks. (3×10=30)

8. What is meant by facility layout ? Discuss the various types of layout and the importance of having a good layout.
9. Discuss the characteristics of quality in an organisation. What are the tools of quality control ? Briefly discuss the contributions of the quality gurus.

P.T.O.



10. a) What are the different techniques of forecasting ?
- b) The sales of a company were Rs. 45,000 producing a profit of Rs. 1,500 in a week. In the next week, sales amounted to Rs. 60,000 producing a profit of Rs. 2,250. Find out the break even point.
11. A company is setting up an assembly line to produce 192 units during an 8 hour shift per day. Various work elements with their respective processing times and their inter relations are given below.

Work Element	Processing Time (Seconds)	Immediate Predecessor
A	40	NONE
B	70	A
C	30	D, E, F
D	40	B
E	50	B
F	30	B
G	20	A
H	120	G
I	130	H
J	110	C, I

You are required to find :

- The cycle time
- The approximate number of workstations.
- Draw the precedence diagram.
- Allocate the activities to the workstations and illustrate this allocation.
- Find the idle time in each workstation and the total idle time.
- Comment on whether the above process is well balanced.



SECTION - C

This case study is **compulsory** :

(1x15=15)

12. Your college intends to build an extension wing for a new management course. You have been appointed as the Project Manager for this project called "Project Extensiana". You are required to do the following :
- a) Select your team and mention their capabilities.
  - b) Mention all the stakeholders.
  - c) Write in detail how you would accomplish "Project Extensiana" by mentioning all the subsets of project management till project closure.
  - d) Give special attention and write in detail about the trial of cost, quality and control.
  - e) Use diagrams wherever possible to illustrate different techniques.

SECTION - B