SIDDHARTH INSTITUTE OF ENGINEERING & TECHONOLOGY: PUTTUR

Department of MBA

SUB: OPERATIONS MANAGEMENT (16MB711)

Important questions

Unit-I

- 1. Define operations management .and explain its functions
- 2. Explain the historical development of Production and operations management.
- 3. Distinguish between product design and process design.
- 4. Discuss operations management scenario in today's environment.
- 5. Write a short note on
 - (a) CAM

- (b) CAD
- (c) Process technology
- 6. Explain various types of manufacturing process technologies in operations management.
- 7. Discuss new product development process with a suitable example.
- 8. Elaborate the overall view of production and operations management.
- 9. What do you mean by process design? and explain what types of factors affects the process design.
- 10. Discuss the role of operations manager in business scenario.

Unit-II

- 1. Sketch the principles of good plant layout.
- 2. Explain intricacies of aggregate planning.
- 3. Explain various factors that determine aggregate planning.
- 4. Explain the merits and demerits of product and process layouts
- 5. Discuss flexible manufacturing system and Group technology.
- 6. Sketch the creation of facilities and its strategic importance.
- 7. Discuss the role of operation manager in prevention and breakdown maintenance.
- 8. Explain the preparation of aggregate demand forecast.
- 9. What are the minimum required facilities for a good layout?

10.	Write a short note on
	(a) Aggregate planning (b) capacity utilization (c)forecast
	<u>Unit-III</u>
1.	Elaborate various methods of scheduling.
2.	Differentiate job shop and continuous production methods with examples.
3.	Distinguish between production planning and control.
4.	What are the methods of production control?
5.	Differentiate between line balancing and line of balance.
6.	Define scheduling .and explain various factors affecting of scheduling.
7.	Explain the different feasible production alternatives.
8.	Elaborate world class production methods
9.	Write a short note on
	(a) Shop loading (b) line of balance (c) Assignment and sequencing
10.	Discuss the role of operations manager role in scheduling.
	<u>Unit-IV</u>
1.	Why do we conduct work study to increase productivity.
2.	Critically examine method study procedure.
3.	Write a short note on
	(a) Job design (b) Work sampling (c) work design
4.	Explain different types of Industrial Engineering techniques.
5.	Discuss
	(a) TQM (b) Six sigma (c) ISO 9000 series
6.	Discuss the control charts of variables and attributes.
7.	Explain the economics of quality assurance inspection and quality control.
8.	What do you mean by work measurement? And explain its needs
9.	Briefly discuss about work study and method study
10.	Discuss
	(a) Quality assurance (b) acceptance sampling (c) inspection.

Unit-V

- 1. Elucidate various productivity management techniques.
- 2. Briefly explain the total productivity model.
- 3. Describe productivity engineering and its elements.
- 4. What is the importance of productivity cycle?
- 5. Briefly explain the basic concepts of productivity.
- 6. Explain the role of operation manager in productivity.
- 7. Discuss the productivity management and its elements.
- 8. What are the factors to be considered in productivity engineering?
- 9. Describe the different ways to have better productivity management.
- 10. Discuss the role of total productivity model in operations management.