



Reg. No. :

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

## Question Paper Code : X86449

M.B.A. DEGREE EXAMINATIONS, APRIL/MAY 2021  
Second Semester  
BA5206 – OPERATIONS MANAGEMENT  
(Regulations 2017)

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions

PART – A

(10×2=20 Marks)

1. List out the nature of operations management.
2. Define strategic fit.
3. What are the various types of demand forecasting ?
4. Explain the types of facility layout.
5. What are the factors that influence the product design ?
6. What are the objectives of work study ?
7. Define material management.
8. Discuss the functions of stores management.
9. Mention the importance of scheduling in project management.
10. Explain the concept of production flow control.

PART – B

(5×13=65 Marks)

11. a) Explain the functions, recent trends and challenges of operations management.

(OR)

- b) What is supply chain management and why it is important ?

12. a) Define capacity planning. Explain the importance of capacity planning and the factors affecting capacity planning.

(OR)

- b) Explain facility location. What are the steps in selection of facility location ? Discuss location analysis in detail.

**X86449**



13. a) Elucidate the various factors influence the product design. What are the legal, ethical and environmental issues associated with product design ?

(OR)

- b) Discuss in detail about method study with its various aspects.

14. a) Discuss in detail about the nature and classification of stores management and their importance in materials management.

(OR)

- b) Explain inventory management in detail and elaborate the control techniques.

15. a) Describe in detail about PERT and CPM.

(OR)

- b) Describe in detail about personnel scheduling in services.

**PART – C**

**(1×15=15 Marks)**

16. a) Explain in detail the various elements of operation strategy.

(OR)

- b) Write an essay about ERP and their application in any one industry of your choice.

---