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**Question Paper Code : X86757**

M.E./M.Tech. DEGREE EXAMINATIONS, APRIL/MAY 2021  
Second Semester  
Manufacturing Engineering  
MF5006 – MATERIALS MANAGEMENT  
(Regulations 2017)

Time : Three Hours

Maximum : 100 Marks

Answer ALL questions

PART – A

**(10×2=20 Marks)**

1. State any three objectives of materials management.
2. Define value analysis.
3. What is forward buying ?
4. Distinguish between a store and a warehouse.
5. Define Store Management.
6. What is network analysis ?
7. What is price forecasting ?
8. What is finite production ?
9. What is aggregate planning ?
10. Write any three difficulties in implementing JIT system.

PART – B

**(5×13=65 Marks)**

11. a) Explain the role, need and strategies of aggregate planning in materials management.

(OR)

- b) Explain the factors that influence the make or buy decision.

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12. a) Explain the various purchasing policies and procedures in detail.  
(OR)  
b) Explain vendor evaluation and rating procedure in detail.
13. a) Explain in details about the stores accounting and stock verification systems.  
(OR)  
b) Explain the importance of scrap-value analysis in warehouse management.
14. a) Discuss the various price forecasting methods in materials management.  
(OR)  
b) Discuss the different methods of materials planning in an organization.
15. a) Explain the concept of ABC analysis with graphical representation.  
(OR)  
b) Explain in detail Just in Time System.

PART – C

(1×15=15 Marks)

16. a) Explain the importance of effective utilization of materials in manufacturing industry and also for service industry.  
(OR)  
b) Discuss the concept of logistics with significance of logistics. Why has logistics gained importance in recent years ?
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