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Printed Pages : 2

CMMS / M-18

**PRODUCTION AND OPERATIONS  
MANAGEMENT**

**Paper- CP-206**

*Time allowed : 3 hours]*

*[Maximum marks : 70*

*Note : Attempt any eight questions from Part-A of five marks each and three questions of ten marks each from Part-B.*

**Part-A**

1. Define artificial intelligence and its role in production management.
2. What are the primary factors of plant location ?
3. What are the objectives of an ideal plant layout ?
4. What is the difference between continuous and intermittent production systems ?
5. Explain briefly the methods available for line balancing.
6. What material handling is considered as an important function ?
7. Explain the concept of transfer price.
8. Explain the significance of maintenance management in overall production management.
9. Explain the role of inventory management in e-business.
10. What is acceptance sampling in bulk production process ?

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**Part-B**

11. Explain the term 'Production Management' and how production management is important to business firms as well as to customers and society.
12. Production planning and control is rightly called the 'heart' of production and operations management. Discuss.
13. Explain and define "Work Study". What role can work study play in efficient operation of an enterprise ?
14. How are the purchasing and material management functions organized in any modern manufacturing organization ?
15. Discuss the concept of TQC and explain its salient features. How far is this concept relevant and applicable to Indian industries ?

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