

MANAGEMENT PROGRAMME

Term-End Examination

December, 2017

**MS-053 : PRODUCTION/OPERATIONS
MANAGEMENT**

Time : 3 hours

Maximum Marks : 100

(Weightage 70%)

Note : (i) Attempt any four questions.

(ii) All questions carry equal marks.

1. (a) Why is there always a need to inject persons with multi-disciplinary knowledge in the functional area of operations management ? Discuss.
(b) Illustrate how the TQM concept can integrate design, engineering, manufacturing and services.
2. (a) Discuss as to how forecasting can be helpful to production manager in improving his job functioning ?
(b) Describe the main classes of quantitative methods of forecasting.
3. (a) What is facility planning ? What is its need ? List some typical objectives considered while developing layouts.
(b) Define 'time standard'. Briefly describe the techniques that are used for developing time standards.

4. (a) Describe JIT purchasing. Discuss the essential elements of JIT purchasing.
(b) What are production systems? Describe the three categories under which one can classify production systems.
 5. (a) What is "make" or "buy decisions"? What are the factors considered while resolving this issue?
(b) Why Manufacturing Resource Planning (MRP II) is called an integrated system for planning and control?
 6. (a) Illustrate the six significant causes of reduction of equipment utilisation. Also list the constituents of overall equipment effectiveness.
(b) Define flexible manufacturing system. Give its advantages and disadvantages.
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