

MANAGEMENT PROGRAMME

Term-End Examination

00059

June, 2017

**MS-053(S) : PRODUCTION/OPERATIONS
MANAGEMENT**

Time : 3 hours

Maximum Marks : 100

(Weightage : 70%)

Note : *Attempt any four questions. All questions carry equal marks.*

1. (a) Discuss some environmental and social concerns of operations management.
- (b) What is a 'production system' ? Why is it essential to view the production system from the systems viewpoint ? Discuss.
2. (a) What do you understand by the concept of demand forecasting as applicable in production/operations management.
- (b) What is judgemental forecasting ? List various methods of judgemental forecasting. Also, explain the serious types of errors associated with judgemental forecasting.

3. (a) Highlight the relationship between demand and productive capacity. Explain the three basic forms of capacity related problems.
- (b) Discuss the effects of the developments in computer and communication technology on operations management.
4. (a) What is Just-In-Time (JIT) system ? Discuss a few characteristics of JIT system.
- (b) Several rules have been developed to decide the next job to be selected from amongst the various jobs waiting for loading on the machine. Explain any four such rules.
5. (a) Why is materials management needed ? What advantages does a manufacturing organisation derive by treating materials management as a separate and important function ?
- (b) What is an independent demand inventory system ? Describe the various stock points.
6. (a) What is preventive maintenance ? Why is it said that productive maintenance is a superset of preventive maintenance ? Discuss.
- (b) What is Computer Integrated Manufacturing (CIM) ? What are the various components of CIM ? Discuss.