

**MANAGEMENT PROGRAMME**

**Term-End Examination**

**December, 2016**

00059

**MS-5(S) : MANAGEMENT OF MACHINES  
AND MATERIALS**

*Time : 3 hours*

*Maximum Marks : 100*

*(Weightage : 70%)*

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**Note :** (i) *Answer any four questions.*

(ii) *All questions carry equal marks.*

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1. (a) There are many stages involved in bringing a new output to the market. Why can't the stages be performed in a smooth sequence? Explain.
- (b) The equipment used in intermittent flow shops is less specialised than that used in continuous flow shops. What about the labour? Discuss.
2. (a) What do you understand by capacity planning? Describe the steps involved in capacity planning.
- (b) What is work sampling? Elaborate on some uses of work sampling.

3. (a) Define job design. How has management viewed job design since the Industrial Revolution ? Discuss.
- (b) What do you understand by job enlargement and job enrichment ? Are they mutually exclusive ? Discuss.
4. (a) Describe the circumstances under which the batch production is used.
- (b) Describe the variety of problems faced in job production.
5. (a) What do you understand by the term 'tero-technology' ? Is the term and concept easily acceptable ? Explain.
- (b) "Value engineering is more of human relations, team building and motivation program than anything else." Comment.
6. (a) What is the fundamental difference between the use of acceptance sampling plans and process control charts ? Explain.
- (b) Who should be responsible for inventory control ? Discuss from the top management point of view.
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