

**M.Sc. FOOTWEAR TECHNOLOGY
(MSCFWT)**

Term-End Examination

December, 2015

**MFW-033 : PRODUCTIVITY AND PRODUCTION AND
OPERATION MANAGEMENT**

Time : 3 hours

Maximum Marks : 70

Note : *Attempt any seven questions. Each question carries equal marks.*

1. If you are appointed as a consultant to a footwear unit, what parameters and records will you consider for checking the production and planning function ? How will you evaluate whether the production planning function is efficient or not ? 10

2. What is Gantt Chart ? Why is it required ? How are they prepared and used for scheduling ? 10

3. Describe the process of planning for the footwear industry. How is the planning sheet prepared ? What are the factors which are taken into account while planning the production ? 10

4. Discuss the effect of the following on scheduling (attempt any *two*) : 2×5=10
- (a) Machine loading
 - (b) Rush order
 - (c) Job priority
 - (d) Effective capacity of the machine
5. Write down the difference between production planning and production control with the help of suitable examples. 10
6. What are the steps required for selecting the location of the plant ? Explain each step. 10
7. What is standard time data ? How is it applied in determining the capacity of line ? What are the factors considered for determining the standard time ? 10
8. What do you understand by the term 'Relaxation allowance' ? Why is it necessary to be taken into account while computing the standard time ? 10
9. What are the different types of conveyors used in the stitching department for manufacturing of uppers ? Discuss the merits and demerits of the same. 10
10. Explain any *two* of the following : 2×5=10
- (a) World Class Company
 - (b) Global Company
 - (c) Multinational Organisation
 - (d) National Organisation
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