M.Sc. IN LEATHER GOODS AND ACCESSORIES DESIGN (MSCLGAD)

Term-End Examination

June, 2012

00924

MFW-062 : MANAGEMENT - III

Time : 3 hours   Maximum Marks : 70

Note :   Attempt any seven questions.

1. (a) What are moving average method and the exponential smoothing method of fore casting ? How they are related and why ?

    (b) What is forecasting error ? What are the measures of forecasting error ? Which one would you use in evaluating a forecast, MAD or Bias and why ?   **5x2=10**

2. (a) What is outsourcing ? How outsourcing could be used to increase the capacity ? Discuss with an example.   **5x2=10**

    (b) What is line balancing ? Discuss the steps to be taken in balancing the line.

3. (a) What is the difference between designed, planned and demonstrated Capacity ?   **5x2=10**

   (b) What do you understand about planned and demonstrated capacity ? Explain with suitable example.

4. (a) What do you understand by Inventory carrying cost ? What are the elements of inventory Carrying cost ? Discuss in detail.

   (b) What is meant by :   **5x2=10**

   (i) Finished goods Inventory

   (ii) In-process inventory.

   Explain with appropriate examples. What are the reasons of higher in-process inventories ? Discuss.

5. (a) How is Management Control different in a cellular manufacturing layout situation as compared to the traditional situation of a process or layout ? Discuss.   **5x2=10**

   (b) Explain fixed position layout by schematic diagram. Write down its merits and demerits.

6. (a) Define Productivity. Mention different measures for checking productivity. Write down the measures to increase productivity.

(b) A good work study should be followed by good supervision, for getting good results. Explain and elaborate on this statement. **5x2=10**

7. Discuss the steps in calculation of Break-even **10** point. How break-even analysis is used to make a choice for selection between two machines ? Explain with the help of suitable example.

8. Write short note on following six sigma belts. **10**

   (a) Green belts

   (b) Black belts

   (c) Master black belts

   What are the benefits of six sigma in an organisation ? Discuss.

9. What are the different types of control charts ? Give the application of each type of chart. **5x2=10**

   (a) What are the elements of a control chart ?

   Discuss the steps in preparation of $\overline{X}$-R control chart. What do the $\overline{X}$, R and control limits indicate ?

   (b) Discuss the role of p and c charts in process control.