

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

Term-End Examination

June, 2015

00206

MFW-062 : MANAGEMENT STUDIES - III

Time : 3 hours

Maximum Marks : 70

Note : Attempt any seven questions. All questions carry equal marks. Use of scientific calculator is permitted.

1. Explain two techniques of work measurement giving suitable examples. How do you use work measurement technique for productivity improvement? 10
2. Discuss the various steps involved in method study, giving suitable examples. How does it help in productivity enhancement? 10
3. In what way might the first-come first-served rule be unfair to the customer waiting for service in a bank or a hospital? 10
4. If you could locate your new software development company anywhere in the world, which place would you choose and why? 10

5. In an attempt to increase the productivity and reduce the cost, Rho Sigma Corporation is planning to install an incentive pay plan in its manufacturing plant. In developing standards for one operation, time-study analysis observed a worker for a 30-minute period. During that time the worker completed 42 parts. The analysts rated the worker as producing at 130 percent. The firm has established 15 percent as a fatigue and personal time allowance.

(a) What is the normal time for this task ?

(b) What is the standard time for the task ? 10

6. "JIT purchasing is nothing more than a ploy to have Vendors take over the burden of carrying inventory." Comment. 10

7. Assume that your stock of sales merchandise is maintained based on the forecast demand. If the distributor's sales personnel call on the first day of each month, compute your forecast sales by each of the three methods requested here:

	Actual
June	140
July	180
August	170

(a) Using a simple three-month moving average, what is the forecast for September ?

- (b) Using a weighted moving average, what is the forecast for September with weights of 0.20, 0.30 and 0.50 for June, July and August respectively ?
- (c) Using single exponential smoothing and assuming that the forecast for June had been 130, forecast sales for September with a smoothing constant alpha of 0.30. 10

8. If you own a factory and make a steel furniture as and when orders are received from customers, describe the procedure you would follow for planning and control of production in your factory. 10

9. A company is producing a certain type of circuit breakers. The fixed cost of land, building, etc. is ₹ 40,000. The variable cost is ₹ 10 per unit production. If the sales price of the product is ₹ 20 per unit, what should be the minimum production level ? If, at present, the firm is operating at a production of 8,000 units, what is the firm's profit ? 10

10. What is buffer stock ? List the reasons for keeping a buffer stock. 10