

MID-WESTERN UNIVERSITY  
EXAMINATIONS MANAGEMENT OFFICE  
FINAL EXAMINATION: 2019  
BACHELOR OF BUSINESS STUDIES (BBS)  
SEMESTER – V

Subject: Production and Operation Management

Course Code: MGMT 355

Full Marks: 100

Time: 3:00 Hours

*You are required to answer in your own words as far as applicable. Figures in the margins indicate full marks.*

**SECTION A: VERY SHORT ANSWER QUESTIONS (10 X2 = 20 MARKS)**

*Answer ALL questions.*

- Q1. Write any four differences between goods and services.
- Q2. Write the meaning of productivity measurement.
- Q3. Point out the methods of determining a good location.
- Q4. Mention the meaning of statistical quality control.
- Q5. What do you mean by supply chain management?
- Q6. Write the selection criteria of vendor.
- Q7. What is holding cost?
- Q8. Write the meaning of repair.
- Q9. What is quality?
- Q10. What do you mean by scheduling?

**SECTION B: SHORT ANSWER QUESTIONS (6 X 8 = 48 MARKS)**

*Answer any SIX questions.*

- Q11. What is production and operation management? Describe the functions of production and operation management. (3+5)
- Q12. What do you mean by facility location? Explain the factors affecting location decision. (2+6)
- Q13. What is capacity? Explain the types of capacity. (2+6)
- Q14. State the meaning of inventory system. Describe the types of inventory system. (2+6)
- Q15. What is productivity? Explain the factors affecting productivity. (2+6)
- Q16. Describe the advantages of good location. (8)
- Q17. Define TQM. Explain the tools of TQM. (2+6)
- Q18. ABC Company requires 45000 units of material annually. If ordering cost is Rs 150 per order. Expected lead time is 5 days, unit costs is Rs 50 per unit and inventory holding costs are charged at 20% and the company operates 250 days in a year.

**Required:** EOQ and ROL (4+4)

**SECTION C: LONG ANSWER QUESTIONS (2 X 16 = 32 MARKS)**

*Answer any TWO questions.*

- Q19. What is layout? Describe the types of layout. Discuss the factors affecting layout. (5+5+6)
- Q20. Define production planning and control. Explain the tools and purpose of production planning and control. (5+6+5)
- Q21. What is maintenance management? Explain the types of maintenance management. (4+6+6)