

**B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)**

**Term-End Examination**

00140

**December, 2014**

**BFWE-003 : PRODUCTION AND OPERATION  
MANAGEMENT – I**

*Time : 3 hours*

*Maximum Marks : 70*

---

**Note :** *Attempt any **seven** questions. All questions carry equal marks.*

---

---

1. What are the different methods of purchasing ?  
Explain each method giving suitable examples. 10
  
2. What are the different parameters considered  
for the selection of layout ? Discuss the same  
with reference to the footwear unit. 10
  
3. Explain the following : 2×5=10
  - (a) Product layout
  - (b) Process layout
  
4. What is the importance of productivity ? Does it  
really help in decreasing the cost of  
manufacturing ? Justify your answer. 10

5. Write short notes on any **two** of the following :  $2 \times 5 = 10$
- (a) Reorder point
  - (b) EOQ
  - (c) Safety stock
  - (d) Lead time
6. What is standard time ? Why is it required to be computed ? How does it help the organisation to improve the performance of the operation ? 10
7. In what cases does labour availability play an important role in selecting the location of the plant ? Give two examples. 10
8. A company is purchasing insole at the rate of ₹ 15 per pair. It costs ₹ 10 to process the order. The company sells 20,000 pieces of shoes per year. In each piece of shoe insoles are fitted. The lead time for insole is 5 days. The holding cost is 20% of the item cost/year. Determine EOQ and reorder level. 10
9. What is the major scope of production management in the manufacturing organisation ? Discuss in detail. 10
10. What is material planning ? Discuss the significance of material planning. 10
-