

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

Term-End Examination

00487

June, 2014

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

Time : 3 hours

Maximum Marks : 70

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

1. What important factors will you consider for the selection of location of the following plants : $5 \times 2 = 10$
 - (a) Iron and Steel plant
 - (b) TV Manufacturing plant
2. What is the procedure for selection of site ? Explain step-by-step process. 10
3. Give flow chart of manufacturing of shoe process from the stage of Product Development till Packing. 10
4. What is productivity ? How does productivity influence the profitability of the organisation ? What are the resources considered for computation of productivity ? 10

5. (a) If EOQ = 360 units, order costs are ₹ 5 per order and inventory carrying cost is ₹ 0.20 per unit, what is the usage in units ?
- (b) What do you understand by the term EOQ ? Write the formulae and explain the same. What is the purpose of computation of EOQ ? 5+5=10
6. Write short notes on any *two* of the following : 5×2=10
- (a) Safety stock
- (b) Lead time
- (c) Reorder point
- (d) Average stock
7. What is standard time ? What are the elements which are taken into account while computing the standard time ? 10
8. What is performance rating ? How is performance rating being computed ? Explain step-by-step procedure. 10
9. What is the difference between production and operation management ? 10
10. What are the key differences between process and product layout ? In what cases is product layout more preferred ? 10
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