

00259

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

**Term-End Examination**

**December, 2011**

**BFW-042 : MANUFACTURING TECHNIQUE - 2**

*Time : 3 hours*

*Maximum Marks : 70*

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**Note :** Attempt *any seven* questions.

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1. Describe the following terms : 5x2=10
  - (a) English sizing system
  - (b) Zimpering/Punching
  - (c) Mute styles
  - (d) Feather Line
  - (e) Joint girth
  
2. Why do we provide foam in topline of the shoe ? 10  
What all treatment's can be done in topline for the same ?
  
3. Please explain in brief : 5x2=10
  - (a) What is gross area in RSM ?
  - (b) What do you mean by Liming ?
  - (c) What is mean cuttability coefficient ?
  - (d) What is the purpose of staking ?
  - (e) What are the methods of synthetic costing ?

4. For Style Oxford size 7, calculate the gross area of vamp if the pattern scale area is 4.0 sq.dm. The leather provided is of area 20 sdm goat glazed 'A' grade also calculate the gross area of heel grip (split leather), if pattern scale area is 2.0 sq.dm. and leather area is 40 sdm of grade 'B'. 10
  5. Please explain different types of seam's with diagrams. 10
  6. What are reinforcements in shoe manufacturing. Explain them briefly. 10
  7. How can you control losses in your insole factory ? Describe at least 10 points. 10
  8. A Buyer gives a sample of skeleton insole to the factory. Write the process in sequence how you will start production in the factory. 10
  9. What are the different links of adhesion ? Discuss the reason's of weakness of each link. 10
  10. What is heat setting ? Give the basic parameters (temperature, time, steam requirement) of heat setting for the following upper materials : 2x5=10
    - (a) P.u. Coated fabric
    - (b) Full chrome leather
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