

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

Term-End Examination

00071

June, 2014

BFW-042 : MANUFACTURING TECHNIQUE – II

Time : 3 hours

Maximum Marks : 70

Note : All questions are compulsory.

1. Write short notes on the following : 2×4=8
 - (a) Trimming margin
 - (b) Lasting margin
 - (c) Brannock device
 - (d) Back height

2. Differentiate between Oxford and Derby. 3

3. (a) What is gross area in RSM ? 1×3=3
 - (b) What do you mean by 'Pickling' ?
 - (c) What is the purpose of 'Shaving' ?

4. Write down the sequence of operations for making wet blue leather from wet salted cow hide (Also write one line explanation of every operation). 4

5. Differentiate between the following : 4
(a) Brush off and Burnish leather
(b) Nubuck and Suede leather
6. Write the procedure for calculating material allowance by RSM (0° method). 4
7. What is the purpose of thermo folding machines ? Name and explain its parts. 5
8. Explain about Collar binding and Slip beading with diagram. 5
9. Explain the following : $1 \times 5 = 5$
(a) Elastic
(b) Concave curve
(c) Emery
(d) 34 system
(e) Non-woven polyester tape
10. How can you control the losses in your insole factory ? Describe at least five points. 5
11. A buyer gives a sample of 'Ribbed Insole' to the factory. Write the sequence of processes to start production in the factory. 3
12. What is blended insole ? Write the sequence of operations for making blended insole. 3
13. Explain the following : $1 \times 3 = 3$
(a) Riveting
(b) Skiving
(c) Stamping

14. Write down the operational use of the following materials in the Lasting Department : *2×5=10*

- (a) Buttress nail
- (b) Ultrasonic staple
- (c) Wire staple
- (d) Brass wire brush
- (e) 28 No. grit emery paper

15. Write down the sequence of operations of stuck-on construction for a shoe made with leather upper and PVC sole. *5*
