

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

Term-End Examination

June, 2015

00330

BFW-043 : FINISHING - I

Time : 3 hours

Maximum Marks : 70

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

1. What is the characteristic of semi-aniline finish leather ? Devise a system of finishing for this leather, explaining its suitability. 10

2. Define the following leathers : $4 \times 2 \frac{1}{2} = 10$
 - (a) Crunch finish leather
 - (b) Oil pull-up leather
 - (c) Suede leather
 - (d) Milled leather

3. Write short notes on the following : $4 \times 2 \frac{1}{2} = 10$

- (a) Woolen Roller
- (b) Wet Cleaning
- (c) Carnauba Wax
- (d) Dry Cleaning

4. A company in Noida is making 2,400 pairs of shoes per day to export to Germany. Style is slip-on with derby and colour is black. The shoe is made up of a cow Napa black and Nubuck cherry. The lining is cow drum dyed lining in beige colour. Sole is TPR. The material consumption of average size is given below :

Cow Napa black = 1.5 sft/pair

Cow Nubuck cherry = 1.5 sft/pair

Cow D/D lining beige = 1.75 sft/ pair

The size assortment is given below :

Size 6/2 7/3 8/2 9/2 10/1 = 10 pairs

- (a) Find out the average size.
- (b) Calculate the material required for the order of six-months, assuming company is closed on Sunday.
- (c) Devise a finishing process. 10

5. Discuss point-wise how value addition can be achieved in finishing room. 10

6. Discuss in brief the various types of finishing materials available and their specific uses. 10

7. A company in Noida has received an order of 25,000 pairs of slip-on shoes to be cut in buff calf F/G burnish brown colour. Lining is a D/D buff lining in beige colour and sole is of TPR. Thread used is 20/3 and 60/3 nylon beige 3 ply threads and there is a steel buckle on the saddle.

The company supervisor has recommended finishing system, which is given below :

Lasted upper + P1 – S (brown) + heat setter (120 degree) + iron at 60 degree + cutting with high pressure at high speed + cutting again high speed burnishing wax + other lasting operations + P29 brown + cutting at high-speed + polishing at low speed.

The manager is somehow not convinced with the system. Evaluate the system given above and give your recommendations. 10

8. Make a flow diagram of each of the two systems of finishing and discuss them in brief. 10