

M.Sc. FOOTWEAR TECHNOLOGY
(MSCFWT)

00013

Term-End Examination

June, 2014

MFW-037 : FINISHING

Time : 3 hours

Maximum Marks : 70

Note : *Attempt any seven questions. All questions carry equal marks. Standard symbols and notations have usual meaning.*

1. Give a flow diagram of the two systems used in finishing. 10

2. What remedial action will you take as Finishing incharge, if $4 \times 2 \frac{1}{2} = 10$
 - (a) fungus appears on leather surface.
 - (b) shade variation is found on shoe made of aniline leather.
 - (c) after finishing the shoe is not having sufficient gloss.
 - (d) shade variation is observed in shoe made of dyed Nubuck leather.

3. A company based in Noida has received an order of 25,000 pairs of slip-on shoes to be cut in Buff Calf Full Grain burnished brown order colour. Lining is a Drum Dyed buff lining in beige colour and sole is of TPR. Thread used is 20/3 and 60/3 nylon beige three ply threads and there is a steel buckle on the saddle. The company supervisor has recommended finishing process, which is given below :

Lasted upper + P1 - S(brown) + heat setter (120°C) + iron at 60°C + cutting with high pressure at high speed + cutting again at high speed burnishing wax + other lasting operation + P29 brown + cutting at high-speed + polishing at low speed. The manager is somehow not convinced with the process. Evaluate the process given above and give your recommendations. 10

4. Short answer questions : $4 \times 2 \frac{1}{2} = 10$
- (a) How will you stop the hungriness of leather in shoe room ?
 - (b) Name three types of corrected grain leathers commonly used for upper making.
 - (c) List out different liquid dressings and their application procedures.
 - (d) List any four important characteristics of semi-aniline finish leather to be considered by shoe finishers.

5. Write down the sequence of operation of pigment finish leather by melatonin product. 10

6. Discuss the following in brief : $4 \times 2 \frac{1}{2} = 10$

- (a) Repeating wax
- (b) Woollen roller
- (c) Carnauba wax
- (d) Cleaner

7. Define the following leathers : $4 \times 2 \frac{1}{2} = 10$

- (a) Aniline leather
- (b) Burnish leather
- (c) PU film coated leather
- (d) Milled leather

8. A company is making 1,000 pairs of casual shoes in glazed kid per day. The company received an order of 24,000 pairs of shoes and in size assortment of 5/1 6/3 7/2 8/3 9/2 10/1.

- (a) Break the order in given assortment
- (b) It was realized in finishing room that the leather becomes double shaded on cutting at high speed. Identify the problem and give the solution. 10