

**M.Sc. FOOTWEAR TECHNOLOGY
(MSCFWT)**

Term-End Examination

June, 2015

00224 MFW-037 : FINISHING

Time : 3 hours

Maximum Marks : 70

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

1. Define the following leathers : $4 \times 2 \frac{1}{2} = 10$
- (a) Oil Pull up Leather
 - (b) Burnish Leather
 - (c) Suede Leather
 - (d) Resin Finish Leather
2. Give a flow diagram of the two systems of finishing. Describe it in brief. 10
3. What remedial action will you take as a finishing in-charge, if $4 \times 2 \frac{1}{2} = 10$
- (a) whiteness occurs on finished shoe.
 - (b) the shoe after finishing does not have sufficient gloss.
 - (c) there is shade variation in the shoe made of dyed nubuck leather.
 - (d) fungus appears on leather surface.

4. Answer the following 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 C/G leather commonly used for upper making.
- (c) List out the different liquid dressings and their application procedures.
- (d) List out the four important characteristics of aniline finish leather to be considered by shoe finishing.

5. 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 degrees) + iron at 60 degrees + 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.

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6. Write short notes on the following :

$$4 \times 2 \frac{1}{2} = 10$$

- (a) Filler
- (b) Cream
- (c) Abrasive Wax
- (d) Woolen Roller

7. Discuss the five faults of shoe finishing, their causes and remedy in brief.

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8. A shoe is made up of Cow full grain semi-aniline finish leather costing ₹ 100/sq.ft. Buyer has given specification for medium gloss and good feels. Suggest the system of finishing using melatonin product.

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