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

**Term-End Examination
December, 2011**

BFW-043 : FINISHING 1

Time : 3 hours

Maximum Marks : 70

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

1. Mention the type of finishing materials, their characteristics and uses. 10

2. Fill in the blanks : 2x5=10
 - (a) _____ leather is velvety leather with velvety effect on grain side.
 - (b) _____ wax is recommended on cotton for Napa leather.
 - (c) _____ improves colorfastness of resin finish.
 - (d) Finish break can be repaired to some extent in protein finished leather using _____.
 - (e) _____ finish burns on excess application on heat.

3. Writes *short notes* one : 5x2=10
- (a) P/29
 - (b) P/1
 - (c) Carnauba wax
 - (d) Cotton roller
 - (e) Burnish finish
4. Short answer questions : 5x2=10
- (a) List out point wise the main characteristics of smooth c/g leather.
 - (b) List out point wise the main characteristics of nubuck leather.
 - (c) List out point wise the main characteristics of burnish leather.
 - (d) List out point wise the main characteristics of brush off leather.
 - (e) List out point wise the main characteristics of online finish leather.
5. Mention the different types of waxes in brief and their uses in shoe finishing. 10
6. 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 D/D buff lining in beige colour and sole is TPR. Thread used is 20/3 and 60/3 nylon weidge 3 ply thread and there is a steel buckle on the saddle. 10
- 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 high-speed + polishing at low speed. The manager is some how not convinced with the system. Evaluate the system given above and give your recommendations.

7. A company has received an order of 25,000 pairs of moccasin shoes to be cut in buff F/G Burnish leather. 10

Size assortment is given below :-

5	6	7	8	9	10
2	2	2	3	2	1

Material consumption per pair 2 sft on grade C leather. Company has received 48,000 sft of leather. Later on it was realized that the materials ordered is less in quantity. How much materials needs to be ordered again ? If you receive the left quantity buff snuffed burnish what recommendations you will give to the cutting and finishing in charge ? Discuss in brief.

8. What remedial action you will take as finishing incharge, if 10
- Burnish bleeds
 - Whiteness occurs on finished shoe.

- (c) If the shoe after finishing is not having sufficient gloss.
- (d) Shade variation in shoe made of dyed nubuck leather.
- (e) Fungus appears on leather surface.

9. What is the characteristic of Napa leather ? 10
Devise a system of finishing for this leather ,
explaining the suitability of Napa Leather.

10. Define the following leathers. 5x2=10
Aniline leather
Burnish leather
