00591

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

Term-End Examination

December, 2013

BFW-042 : MANUFACTURING TECHNIQUE - II

Time : 3 hours   Maximum Marks : 70

Note :   All questions are **compulsory**.

1. Explain the following :   2x4=8
   (a) Folding margin
   (b) Heel grip
   (c) Foot-Arches
   (d) Derby

2. Why do we reduce 6-8 mm in lining standards at   3
   lasting margin, during lining pattern making ?

3. Explain in brief :   1x3=3
   (a) Why pigments are used for C.G. leather ?
   (b) What is the third waste in 'RSM' ?
   (c) What is fat - liquoring ?

4. Draw Anatomical structure of raw hide, showing   3
   all the constituents.

5. Differentiate between the following :   2x2=4
   (a) Glazed leather and patent leather
   (b) C.G. leather and F.G leather

6. For a sport shoe, the vamp component is traced **4** on a synthetic material of width 50 inch. The total of 64 components are traced on the length of 1.2 metre. What is the costing norm for the given component (in sq. metre) ? Also calculate the material required (in metre) for 2000 pairs of vamp, if the new width of material being supplied is 60 inches.

7. Name different types of adhesives and their **3** properties, which are used in closing department.

8. Explain about shallow bagged edge and hand **7** turnover with diagram.

9. Explain six different types of close seam with **7** diagram.

10. What are the reinforcements ? Explain any five **3** of its different types.

11. What is continental insole ? Write the name of **3** machines which are used for insole making.

12. A buyer gives a sample of skeleton insole to the **3** factory. Write the sequence of processes to start production in the factory.

13. Write the procedures to select the shank-length **3** for a particular last, along with job card.

14. Explain the following operations and their utility : **1x3=3**
    (a) Moulding
    (b) Grooving
    (c) Skiving

15. With the help of diagram write down the sequence   5
    of operation of flat lasted cemented construction
    by hand lasting process. Use P.V.C sole and
    leather upper.

16. Define the following :   2x4=8
    (a)   Construction
    (b)   Lasting
    (c)   Rib-Lasting
    (d)   Force Lasting

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