

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

Term-End Examination

June, 2017

00013

**BFW-035(S) : PRODUCT KNOWLEDGE / MATERIAL
FOUNDATION**

Time : 3 hours

Maximum Marks : 70

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

1. (a) What are the various types of insoles ?
Describe the location of their use. 5
- (b) Discuss the properties of leather as a shoe material. 5

2. What are the different types of tools used in the closing department ? Describe them with their applications. 10

3. With the help of a neat diagram, show the basic foot arches. 10

4. Define the following terms :

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

- (a) Ossification
- (b) Toe-puff
- (c) Heel
- (d) Counter Stiffener

5. (a) Differentiate between the following : $2 \times 2 \frac{1}{2} = 5$

- (i) Sandal and Court shoe
- (ii) Casual and Formal shoe

(b) What are the different types of synthetic materials used as shoe uppers ? 5

6. Explain Direct construction and Indirect construction in footwear with the help of suitable examples.. 10

7. (a) What do you understand by the word 'component' ? Name all the bottom components which are required to manufacture a full length shoe. 5

(b) What is a shank ? Why do we use a shank in a shoe ? 5

8. (a) Why is leather superior over synthetics as a shoe material ? Discuss. 5

(b) Describe the finishing operation in shoe making. 5

9. (a) Define the following terms :

$$2 \times 2 \frac{1}{2} = 5$$

(i) Blind eyelet

(ii) Scoop last

(b) Differentiate between the following :

$$2 \times 2 \frac{1}{2} = 5$$

(i) Buckle and Lace

(ii) Toe spring and Heel height
