

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

**Term-End Examination**

**December, 2017**

00091

**BFWE-041 : ADVANCE DESIGN – III**

*Time : 3 hours*

*Maximum Marks : 70*

*Note : Answer any **five** questions. All questions carry equal marks.*

1. Explain Stuck-on and Moccasin construction.  
Draw the cross-sectional views of the respective constructions. 14
2. Differentiate between the following : 7+7
  - (a) Nubuck leather and Suede leather
  - (b) Insole and Sole
3. Define Last. Why are solid block lasts used for sports shoe making ? Explain. 14
4. Define the following terms : 14
  - (a) U-Binding
  - (b) Notch
  - (c) Moulded Insole
  - (d) Model Last

5. Describe the various materials used in shoe manufacturing. Explain in detail. 14
6. What is the use of CAD-CAM in the footwear industry ? Name the different CAD-CAM softwares which are used in the footwear industry. Explain. 14
7. What do you understand by Pattern Grading ? Explain the following mediums to do pattern grading : 14
- (a) Manual grading
  - (b) Automatic grading
8. Write short notes on the following :  $4 \times 3 \frac{1}{2} = 14$
- (a) Ankle Boot
  - (b) Toe Spring
  - (c) Material Board
  - (d) Weaving
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