

B.Sc. FOOTWEAR TECHNOLOGY (BSCFWT)

Term-End Examination

December, 2014

00240

BFWE-001 : ADVANCED DESIGN – I

Time : 3 hours

Maximum Marks : 70

Note : All questions are compulsory.

1. Explain the following terms : 5×3=15
 - (i) Radial Tool
 - (ii) Ping-Pong
 - (iii) Shoe Master

2. What are the advantages of 'Insole Golden Line' ? 5

3. Name the different footwear CAD softwares with their vendors, which are used for Pattern Grading. 5

4. Write short notes on Counter Stiffener and Toe Puff. 5

5. What do you understand by pattern grading ? Differentiate among manual grading, grading by pantograph machine and by CAD-CAM. 10
6. Draw a flow chart, showing development of size 8, 9, 10 insole patterns using a given size 7 model insole pattern. 10
7. Write the sequence of operations to cut the patterns of sole and heel [with welt and for men's formal shoe]. Given the insole of size 7. 10
8. Write short notes on the following bottom components (draw the figures also) : 10
- (i) Shank Board
 - (ii) Half Socks
 - (iii) Full Sock with Logo Marking
 - (iv) Heel Padding
 - (v) Flexing Line
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