

**M.Sc. CREATIVE DESIGN CAD-CAM
(MSCCAD)**

Term-End Examination

June, 2017

00657

**MFR-040 : ADVANCE AND VIRTUAL PRODUCT
DESIGN (FOOTWEAR)**

Time : 3 hours

Maximum Marks : 70

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

1. State *True* or *False* for the following statements : 10
 - (a) You can add texture on all the surfaces of any 3D piece by a single command.
 - (b) You need to select the surface where you are working on specifically.
 - (c) You can increase the height of last in creative.
 - (d) You cannot offset the 3D piece.
 - (e) You can mirror the unit profile.

2. With the help of a graphic illustration, explain the process of generating the round shaped eyelets on eyelet facing pieces. 10

3. Write short notes on the following : 10
- (a) Unit Line
 - (b) Surface
4. Virtual designing bypasses the process of sampling of footwear. Explain. 10
5. Explain the process of unit wizard. 10
6. Describe the process of generating the top piece from a 2D square shape. 10
7. What is Geometry Function ? Where is it available ? Explain any one use of geometry function. 10
8. "3D footwear CAD software is the tool of a creative design to meet the demand of footwear industry." Justify in your own words. 10
9. What is range building ? How will you use 3D footwear CAD software for range building ? 10
10. Write short notes on any *two* of the following : $2 \times 5 = 10$
- (a) Flatten
 - (b) Cut Out Holes
 - (c) Add Profile

