

00179

**M.Sc. IN CREATIVE DESIGN CAD/CAM
(MSCCRD)**

Term-End Examination

December, 2011

MFW-046 : DESIGNING - III

Time : 3 hours

Maximum Marks : 70

Note : *Attempt all questions.*

1. State whether the following statements are *True* or *False*. **8x1=8**
- (a) Saddle is a necessary feature of slip-on shoes.
 - (b) CAM stands for computer aided making.
 - (c) Solid block casts are commonly used for production of court shoes.
 - (d) In CAD, if original line is changed, dependent mirrored line get automatically changed.
 - (e) DVP stands for Direct Vulcanising Process.
 - (f) Stitchdown is a style of footwear.
 - (g) Steel toe cap is used in safety shoes.
 - (h) Moccasins have no lasting margins.

2. Justify following statements. 4x3=12
- (a) Chamfer or round continuity is an essential requirement in patterns.
 - (b) V-cut lining is necessary in Derby shoes
 - (c) Lining is always shorter than upper in stuck-on construction.
 - (d) Slip on last is different than a derby last.
3. Explain the principal processes involved in footwear manufacturing process. What parameters in each process normally needs controlling ? 10
4. With reference to CAD-CAM used in shoe manufacture answer the following : 5x2=10
- (a) Purpose of 2D digitizer.
 - (b) Write the process of restricting the length and width of sock label.
5. What are the common foot disorders ? List any 5 and explain any two. 10
6. What do you mean by construction ? Explain stitch down construction. 10
7. Write short notes on following (*ANY FOUR*) :
- (a) GIMPING 2.5x4=10
 - (b) BACK Strap
 - (c) MONK
 - (d) SADDLE
 - (e) SABOT.
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