

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

Term-End Examination

June, 2012

MFW-046 : DESIGNING - III

Time : 3 Hours

Maximum Marks : 70

Note : Attempt all questions.

1. State whether following assertions are true or false.

10x1=10

- (a) Apron is a necessary feature of slip-on shoes.
- (b) CAD stands for Computer Aided DESIGN.
- (c) Solid block lasts are commonly used for production of sports shoe.
- (d) Stitchdown construction has no lasting margin.
- (e) In CAD, if original line is changed, dependent parallel line get automatically changed.
- (f) DIP stands for Direct Injection Process.
- (g) PVC soles are costlier than PU soles.
- (h) Steel toe cap is used in defence shoes.
- (i) Blister is a decorative part of a shoe.
- (j) Flat foot is also known as pes planus.

2. Match 'A' with 'B'

10

S.No	'A'	S.No	'B'
(a)	Hallux	(i)	Displacement of great toe in outward direction
(b)	Valgus	(ii)	Great toe
(c)	Varus	(iii)	Movement of the foot towards the center line
(d)	Adduction	(iv)	Foot turned out
(e)	Hallux valgus	(v)	Foot turned in

3. With reference to CAD-CAM in shoe manufacturing answer the following : 15

- (a) How to restrict the sandal strap which passing through the buckle ? Write down the process and why we do it explain briefly. 8
- (b) List 3 footwear softwares used in India. 3
- (c) Why chamfer and round continuity is necessary in Patterns ? 4

4. Explain briefly, with the help of diagram, the stroble construction. 10

5. Write short notes on following. (Any Five) 5x4=20

- (a) Hammer toe
- (b) Gimping
- (c) Importance of monitoring the process of shoe making.
- (d) Cause of Blister in foot.
- (e) Cause of Bunion in foot.
- (f) Mean Form.

6. During cutting and skiving process, what are the parameters needs to be monitored ? Write in points only. 05
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