

00702

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

Term-End Examination

December, 2011

MFW-040 : DESIGNING - I

Time : 3 hours

Maximum Marks : 70

Note : All questions are compulsory.

1. (a) Fill in the blanks

- | | | |
|-------|--|---|
| (i) | How many short bones human - foot have ? _____. | 1 |
| (ii) | Proximal phalanges have _____ bones. | 1 |
| (iii) | The foot have _____ arches. | 1 |
| (iv) | Distal phalanges have _____ bones. | 1 |
| (v) | A blister is a bubble on the skin filled with _____. | 1 |

(b) Match 'A' with 'B' 5

<u>'A'</u>	<u>'B'</u>
Flat foot	26
Last	upper
Bones	Cellulose board
Vamp	Feather edge
Insole	Foot Deformities

2. Answer *any* 5 questions.

- | | |
|---|---|
| (a) Define Ankle joint. | 2 |
| (b) What is Bunion ? | 2 |
| (c) What is Mid-tarsal joint ? | 2 |
| (d) Define casual footwear | 2 |
| (e) How many methods are there to take mean-
forme and what are they ? | 2 |
| (f) What is facing in a shoe ? | 2 |
| (g) What is Metatarsal phalanges-joint called ? | 2 |
| (h) What is subtalar joint ? | 2 |
| (i) What is Eversion ? | 2 |
| (j) What is Inversion ? | 2 |

3. Attempt *any* 6 questions.

- | | |
|---|---|
| (a) Write a short note on high instep or arch
(pes cavus). | 5 |
| (b) Write a short note on Hyper mobile foot. | 5 |
| (c) Write the causes of hammertoe. | 5 |
| (d) Briefly discuss about low arch | 5 |
| (e) Discuss briefly about Ill fitted footwear. | 5 |
| (f) What are the tools required for designing
room ? | 5 |
| (g) Discuss about Good year welted
Construction. | 5 |

4. Attempt *any 2* questions.

- (a) Illustrate how foot are damaged. 10
 - (b) What are minor foot ailments and detect those ? 10
 - (c) Sketch a last and specify it's parts. 10
 - (d) Illustrate the Arches of the foot with their functions. 10
-