

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

Term-End Examination

00244

June, 2015

MFW-040 : DESIGNING - I

Time : 3 hours

Maximum Marks : 70

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- Note :** (i) *Attempt seven questions in all.*
(ii) *All questions carry equal marks.*
(iii) *Question no. 1 is compulsory.*
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1. (a) State *True* or *False* for the following sentences : *5×1=5*
- (i) Hue is a term used to describe the pure colour except Black and White.
 - (ii) Primary colours are Red, Orange and Black.
 - (iii) Shade is hue mixed with White.
 - (iv) Complementary colours are the colours that are directly opposite to each other as Red and Green.
 - (v) Blue and Green represent the cold colours.

(b) Fill in the blanks : 5×1=5

(i) A human foot has _____ short bones.

(ii) Proximal phalanges have _____ bones.

(iii) The foot has _____ arches.

(iv) Distal phalanges have _____ bones.

(v) A blister is a bubble on the skin filled with _____ .

2. Explain in detail the Design process of a shoe. 10

3. Draw a diagram of a last and define its different parts. 10

4. (a) Define Ankle joint.

(b) What is Bunion ?

(c) What is Mid-tarsal joint ?

(d) Define Casual Footwear.

(e) How many methods are there to make mean forme ? Also mention these methods. 5×2=10

5. (a) Explain high instep or arch (pes cavus).

(b) Describe in brief Hyper mobile foot. 2×5=10

6. (a) Discuss briefly the ill-fitted footwear.

(b) What are the tools required for designing room ? 2×5=10

7. Illustrate the Arches of the foot with their functions. 10

8. Write short notes on any *two* of the following : $2 \times 5 = 10$

- (a) Toe Spring
 - (b) Arithmetic Grading of Last
 - (c) Heal Height
 - (d) Hue
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