| MFW-043 |

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

Term-End Examination

December, 2017

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MFW-043 : DESIGNING - II

Time : 3 hours   *Maximum Marks : 70*

*Note : Answer **seven** questions in all. Question no. 1 is **compulsory**. All questions carry equal marks.*

1. State *True* (T) or *False* (F) for the following sentences :   *10×1=10*

    (a) Anterior metatarsal arch is apparent when there is no weight on the fore part.

    (b) Propulsion and weight bearing are two important functions of the foot.

    (c) Distal phalanges have nine bones.

    (d) Full form of CAM is "Computer Aided Machines".

    (e) Lasts have arches but footwear have no arches.

    (f) Length increment in French size is 6·66 mm.

    (g) A last has many thimbles.

    (h) There are four different sections of a last.

(i) The extreme back end curve of a last is called heel curve.

(j) The bottom surface of the heel end of a last is called waist girth.

2. Match "A" with "B".   *10*

	A		B
(a)	Feather line	(i)	Centimetre
(b)	Folding	(ii)	Tarsus group
(c)	Last grading	(iii)	5 mm
(d)	Mondopoint	(iv)	Geometric
(e)	Calcaneum	(v)	Last

3. What are Muscles ? Explain the functions of muscles.   *10*

4. What is Model Last ? Describe the main measurement of a last.   *10*

5. Describe the English shoe sizing system.   *10*

6. (a) Define Paris point and English size.

   (b) Convert Paris point 41 and 42 sizes into English sizes.   *5+5=10*

7. Explain different sections of a last with diagrams. *10*

8. Draw a neat diagram of the top view of the foot skeleton and define the bones.   *10*