

00819

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

Term-End Examination

June, 2011

MFW-043 : DESIGNING - II

Time : 3 hours

Maximum Marks : 70

Note : All questions are compulsory.

1. State whether the following statements are True or False : **10x1=10**
- (a) Feather line is the edge of the bottom surface of the last.
 - (b) Length increment in U.K. size system is 6.46 mm.
 - (c) Length increment in French size system is 5.66 mm.
 - (d) Unit of measurement in American sizing system is Inch.
 - (e) There is no size break in English sizing system.
 - (f) The unit which is followed in English sizing system is Feet.

- (g) Slide-o-metric hinge is present in thong type of last.
- (h) A last has feather edge but foot has no feather edge.
- (i) The same last can be used for different heel-heights.
- (j) The French size scale commences from 4 inches.

2. Answer *any five* of the following : 5x2=10

- (a) What is the girth increment in English and French sizing system ?
- (b) What is the use of vamp point and ball point while constructing upper standard ?
- (c) What do you understand from the term Flexing line ?
- (d) When fitting footwear, how many foot to be measured and why ?
- (e) What is the length increment in English and French sizing system ?
- (f) Name four basic sizing systems.
- (g) What is the purpose of using thong last ?
- (h) State different types of bottom plating in lasts.
- (i) What is the cone in a last ?
- (j) What is the purpose for hinge in a last ?

3. Attempt *any four* of the following : 4x5=20

- (a) Name three Foot measuring devices and explain any two.
- (b) What is Direct vulcanization process ?
- (c) Write about Resin-rubber sole.
- (d) Write briefly about model last.
- (e) Describe different materials used in last making.
- (f) Write a short note on fitting of last.
- (g) Why it is necessary to measure the foot ? Give reasons.

4. Attempt *any three* of the following : 3x10=30

- (a) Describe the importance of fitting. Make a chart of European, English and American fitting systems.
 - (b) Describe English shoe sizing system.
 - (c) Describe French/Paris point shoe sizing system.
 - (d) Describe American shoe-sizing system.
 - (e) What do you understand by last grading ? Discuss different last grading system.
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