

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

Term-End Examination

00341

June, 2017

MFW-046 : DESIGNING – III

Time : 3 hours

Maximum Marks : 70

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

1. State whether the following assertions are *true* or *false* : 10×1=10
- (a) Apron is a necessary feature of slip-on shoes.
 - (b) Solid block lasts are commonly used for production of sports shoes.
 - (c) In CAD, if the original line is changed, dependent parallel lines get automatically changed.
 - (d) PVC soles are costlier than PU soles.
 - (e) Blister is a decorative part of a shoe.
 - (f) Tide offset can be modified.
 - (g) One can grade any size by $\frac{1}{4}$.

- (h) Perpendicular is a command of arc.
- (i) Punch only works with 2D.
- (j) Add offset is the command of arc.
2. Define sports shoe. What are the main qualities of a good sports shoe? 3+7=10
 3. Why are only solid block lasts preferred for sports shoe making? Give reasons. 5+5=10
 4. What are the input data for sole designing in CAD softwares like DEL CAM? What data will you use from shoe master software for the above purpose? Write down the complete process of data extraction. 3+3+4=10
 5. Explain the shoe making process in stuck on construction of a toe cap oxford with counter. 10
 6. What are the important branding techniques used in sports shoe manufacturing? 10
 7. Explain the reinforcement materials used in sports shoe. 10
 8. Describe the complete process of group grading with logo placement in any component with graphic illustrations. (3 groups in size range 5 to 13) 10
-