

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

Term-End Examination

December, 2015

MFW-046 : DESIGNING - III

Time : 3 hours

Maximum Marks : 70

Note : Attempt *seven* questions in all. Question No. 1 is *compulsory*.

1. State *true* (T) or *false* (F) for the following : $10 \times 1 = 10$
- (a) Add offset is the command of line.
 - (b) We can grade any size by 1/4.
 - (c) Perpendicular is a command of arc.
 - (d) Apron is a necessary feature of slip-on shoes.
 - (e) CAD stands for Computer Aided Drawing.
 - (f) Punch only works with 2D.
 - (g) Tide offset cannot be modified.
 - (h) We cannot rename the Packet.
 - (i) Solid block lasts are commonly used for production of sports shoes.
 - (j) Stich-down construction has no lasting margin.

2. Define sports shoe. Enumerate the main qualities of a good sports shoe. 10
 3. Briefly explain the main branding techniques which are used in sports shoe manufacturing. 10
 4. How can we take the output of the data from shoe master, which we receive from any other software ? Explain the complete process. 10
 5. Why do we need the spring command ? Enumerate the complete process of spring with a graphic illustration. 10
 6. Why do we reduce 5 – 6 mm from lasting margin during mesh pattern making ? Give reasons. 10
 7. (a) Write minimum five domestic sports shoe brands and their mother companies.
(b) Why is only chemical roughing done during sports shoe manufacturing ? 2×5=10
 8. Describe the complete process of 2D digitization with a graphic illustration. 10
 9. What do you understand by commercialization ? Discuss its various stages. 10
 10. Write short notes on any **two** of the following : 2×5=10
 - (a) Hammer Toe
 - (b) Gimping
 - (c) Causes of Blister in Foot
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