

00473

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

Term-End Examination

December, 2012

MFW-046 : DESIGNING - III

Time : 3 Hours

Maximum Marks : 70

Note : Answer all questions.

1. State whether the following statements are *True* or *False*.
 - (a) Tide offset can be modified. 1
 - (b) Rapid prototyping machine is not an input device. 1
 - (c) With hole you can generate the punch. 1
 - (d) Net is the command of arc. 1
 - (e) We can grade any size by 1/4. 1
2. Define the following :
 - (a) Industrial Engineering. 2
 - (b) Chemical roughing. 2
 - (c) Lateral and medial heights. 2
 - (d) Material swatch book. 2
3. Write short notes on either of the following : 5
Direct Moulded Construction.

OR

Direct Injection Moulding.

4. (a) Name four International Sport shoe brands, their logos, punch lines, country of origin and their manufacturing/Job work units in India. 6
- (b) Explain types of Sport shoe with flow diagram. 6
5. Write down the complete process of last preparation for 3D digitization with graphic illustration. 10
6. If you have patterns of any sandal design, can you do the size grading of it without standard, if the answer is yes, how ? Write down the complete process. 10
7. Write down the complete process of socks pattern grading with label placement and graphic illustration. 10
8. (a) Illustrate at least three types of foot deformities. 4+6
- (b) How these deformities are tackled while designing shoes ?
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