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BFW-064

**B.Sc. IN LEATHER GOODS AND ACCESSORIES
DESIGN (BSCLGAD)**

Term-End Examination

December, 2015

BFW-064 : COMPUTER AIDED DESIGN

Time : 3 hours

Maximum Marks : 70

Note : Answer any seven questions. All questions carry equal marks.

1. Give a brief classification of projections. What are the foreshortening factors ? Explain isometric projections with the help of necessary equations. 10

2. Why is 3D modelling important in footwear design ? Explain the limitations of wire-frame modelling over solid modelling. 10

3. What are Bezier curves ? Write their important properties. 10

4. Why is the parametric representation of curve better as compared to analytic representation ? 10

5. Explain the different types of output devices with the help of neat sketches. 10

6. Why do we need synthetic surface ? Discuss in detail. Give suitable examples of synthetic surfaces. 10
 7. Explain the working of CRT graphic display device with the help of a neat sketch. 10
 8. Explain the colour model application in CAD system with the help of suitable examples. 10
 9. Explain the Windows application level setting and controls in CAD system. 10
 10. Explain the following process in CAD system with suitable examples : 5+5=10
 - (a) Weaving
 - (b) Fabric-pleating
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