

No. of Printed Pages : 2

BFW-064

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

Term-End Examination

June, 2015

00184

BFW-064 : COMPUTER AIDED DESIGN

Time : 3 hours

Maximum Marks : 70

Note : *Attempt any seven questions. All questions carry equal marks.*

1. (a) What is orthographic projection ? Explain it with a suitable sketch. 5
- (b) Differentiate between parallel projection and perspective projection. 5
2. What is geometric modelling ? Compare the 2D model with 3D model. 10
3. Explain the boundary representation and constructive solid geometry in CAD system, with the help of suitable examples. 10
4. What are the input devices applied in CAD system ? Explain any four with the help of a suitable sketch. 10
5. List the different properties of Bezier curve and describe the shapes of Bezeir curves for varying the control points. 10

6. Explain the parametric and non-parametric representation of curves. 10
 7. Explain the principle of design in CAD system, with the help of a suitable diagram. 10
 8. Explain the following processes in CAD system, with suitable examples : 10
 - (i) Braiding
 - (ii) Patch work
 9. Explain the configuration of hardware in CAD system, with the help of a suitable diagram. 10
 10. How do you evaluate the category of design as distinct from the art, crafts and technology ? Explain with the help of suitable examples. 10
-