

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

Term-End Examination

June, 2012

00252

BFW-064 : THEORY (COMPUTER AIDED DESIGN)

Time : 3 hours

Maximum Marks : 70

Note : Attempt five question in all. Question No.1 is compulsory. All questions carry equal marks.

1. Find out the shortcuts for a key :- (choose the correct answer from the given four alternatives)
- (a) Rotate Camera : **7x2=14**
- (i) Shift + Alt + right mouse button drag.
 - (ii) Ctrl + Alt + right mouse button drag.
 - (iii) Ctrl + Shift + drag with the right mouse button.
 - (iv) Shift or Ctrl + arrow keys.
- (b) Planar mode :
- (i) P, click the planar pane on the status bar.
 - (ii) Alt + mouse wheel.
 - (iii) Shift + Alt + right mouse button drag.
 - (iv) P, F8, Shift, Ortho pane on the Status bar.

- (c) Points on/off :
 - (i) F10, F11
 - (ii) F11, F12
 - (iii) F9, F10
 - (iv) F8, F9
- (d) Dimension Properties :
 - (i) F3 (ii) F4
 - (iii) F2 (iv) F5
- (e) CAD/CAM is the interrelationship between :
 - (i) marketing and design
 - (ii) manufacturing and marketing
 - (iii) engineering and marketing
 - (iv) engineering and manufacturing
- (f) What key hardware item ties in a CAD/CAM system together ?
 - (i) keyboard
 - (ii) graphics work station
 - (iii) digitiser.
 - (iv) plotter
- (g) Which part of the system allows the user to interact with the Compiler ?
 - (i) translator
 - (ii) memory
 - (iii) communications processor
 - (iv) interpreter

2. How many types of Array are in Rhino 4.0 ? 14
Explain all. Explain how ARRAY works ?
 3. What is Rhinoceros ? Why the name is Rhinoceros ? 14
 4. What is Transparency Mappings ? How 14
Transparency Mapping works ?
 5. What happens if we select a surface instead of a 14
curve ?
 6. Why some surfaces do not unroll ? 14
 7. How will you make sure your objects are closed 14
solids for export ?
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