00691

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

Term-End Examination

December, 2012

BFW-064 : COMPUTER AIDED DESIGN

Time : 3 hours   *Maximum Marks : 70*

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

1.   Find out the shortcuts of the keys (Choose the correct answer from the given four alternatives)

     7x2=14

   (a)   Command history
      (i)   F2   (ii)   F3
      (iii)   F4   (iv)   F5

   (b)   Split
      (i)   Ctrl + Shift + S   (ii)   Shift + S
      (iii)   Alt + S   (iv)   Ctrl + Alt + S

   (c)   Which is not the short-cut key of pan
      (i)   Shift or Ctrl+Arrow keys
      (ii)   Alt+Mouse Wheel
      (iii)   Ctrl+page up/down
      (iv)   Ctrl+Alt+right mouse button drag

(d) Adjust the lens length of the camera in a perspective view. Lens length displays on status bar.

  (i) Alt+Ctrl+Shift+right mouse button drag

  (ii) Shift or ctrl+arrow keys

  (iii) Alt+mouse wheel

  (iv) Ctrl+page up +down

(e) What are the two disciplines usually tried by a common database ?

  (i) Documentation and geometric modelling

  (ii) Computer aided design & computer aided manufacturing.

  (iii) Drafting and documentation.

  (iv) Testing and analysis.

(f) The use of specialised work stations.

  (i) Reduces the host computer workload

  (ii) Reduces the host computer workload & allows more users.

  (iii) Provides limited growth potential for 3-D.

  (iv) Has a high cost/performance trade off

(g) A rectangular boundry around a specific area on the display is called:-

  (i) a window

  (ii) a viewpoint

  (iii) a conic section

  (iv) a view plane

2. How many types of Array are in Rhino ? Explain **14**
    how ARRAY works ? Give suitable example.

3. What is full form of NURBS ? What is the role in **14**
    Rhino software ?

4. What happens if we select a non-planar, closed **14**
    curve ?

5. How we measure length of a curve between two **14**
    points ?

6. How we import a raster image into Rhino ? **14**

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