FINAL EXAM

_____

Discipline: BE Electrical   Instructor: M. Junaid Arshad

Course Title: Computer Aided Design CAD   Semester: 6th Semester

Batch: XX

Total Marks: XX   Time Allowed: XX Minutes

Roll no. & Name: _____

_____

Question no.1: Multiple Choice Questions (MCQs)

1. To reverse the UNO command the correct entry is?
   a. REDO
   b. REDRAW
   c. ESC
   d. U
2. The command to scale a paper space viewport to half the drawn size is?
   a. Zoom 0.5px
   b. Zoom 1/2x
   c. Zoom 2xp
   d. Zoom 0.5xp
3. The following statements is true for AutoCAD?
   a. Zoom all will reach beyond the drawing limits if an object is there.
   b. Zoom all only reaches out to the drawing limits.
   c. There is not real difference between zoom all and zoom E.
   d. Zoom all makes all objects visible irrespective of the layer visibility state.
4. The following commands forces AutoCAD to revise the entire drawing taking into account the effect of changes within the system?
   a. CHANGE
   b. REDO
   c. REDRAW
   d. ALL of the Above
5. The following options of the UNDO command allows the UNDO facility to be disabled?
   a. AUTO
   b. CONTROL
   c. END
   d. GROUP

6. The following commands allows simultaneous pan and zoom?
   a. Zoom dynamic
   b. Zoom extents
   c. Zoom center
   d. Zoom pan
7. Which one of the following commands cannot be undone?
   a. XREF
   b. SETVAR
   c. SAVE
   d. LIST
8. The MAXIMUM number of commands whose effect can be undone by the UNDO command is?
   a. 256
   b. 1000
   c. All the command issued since the drawing was first created
   d. All commands issued since the drawing was last loaded into the drawing editor.
9. The following commands would be used to limit the movement of the cursor to specified increments?
   a. AXIS
   b. GRID
   c. ORTHO
   d. SNAP
10. The following commands can be used to turn the grid through 45 degrees?
    a. AXIS
    b. GRID
    c. ROTATE
    d. UCS

_____

Question no.2:

a. Define Hermite curve.
b. Explain APT language?
c. Write down advantages of group technology?

Question no.3:

a. What is kinematic analysis?
b. What are the functions of post – processor in FEM module?
c. State the advantages of FMS (Flexible manufacturing system)

Question no.4:

a. What is computer aided process planning?
b. Write euler-poincare formula used in solid modelling.
c. Define FMS?

Question no.5:

a. What is the role of mesh generation in FEM (finite element method)?
b. Define "Flexibility" in flexible manufacturing system.
c. When do you use a rotation transformation matrix?