KERALA AGRICULTURAL UNIVERSITY

B.Tech (Food.Engg) 2012 Admission

VIth Semester Final Examination- June/July -2015

Cat. No: Fden.3210

Title: Computer aided Drafting of Food Processing Equipment (1+1)

Marks: 80

Time: 3 hours

Part A

Answer the following

(10 x 1.0 =10.0)

Choose the best answer

1. In order to set drawing limits for a "C" size architectural drawing the drafter should set the limits to _____.

   a. 0,0 and 2,9   b. 0,0 and 17,11   c. 0,0 and 18,24   d. 0,0 and 34,24

2. One quick way to view the entire drawing area is to use the Zoom command by typing _____.

   a. type Z enter A enter   b. type Z enter E enter

   c. type SHOWALL enter   d. type ALL enter

3. When setting up a mechanical drawing in AutoCAD the drafter should set the units to _____.

   a. fractional   b. decimal   c. architectural   d. metric

4. When drawing a line using the relative coordinate system a line is created from _____.

   a. 0,0   b. the ending point of the last line

   c. the beginning point of the last line   d. none of the above

5. If you use the absolute coordinate system to create a line from a starting point of 0, 0 8 units on the X axis and 5 units on the Y axis you enter _____ for the second point.

   a. 8,5   b. 5,8   c. 0,8   d. 5,0

State the following statement True (or) False

6. It is very important to learn the relationship between line types, colors, and layers.

7. AutoCAD is often referred to as the international standard by which all other CAD programs are measured.

8. UCS stands for User Coordinate System.

9. The two principle components of a CAD system are the computer and the software used to create technical drawings.

10. You cannot use the Offset Tool to enlarge the size of a circle.

Part B

Answer any TEN of the following   (10 x 3.0 =30.0)
Write short note on
1. Auto CAD
2. Stretch and Trim
3. Mirror and Rotate
4. Divide and Block
5. Polylines
6. Zoom and Pan
7. LINE and PLINE
8. Text and dimensions
9. UCS forms
10. Absolute and relative co-ordinates
11. System variable
12. Chamfer and Fillet

Part C

Answer any SIX questions   (6 x 5.0 =30.0)
1. Explain methods of drawing lines in AutoCAD.
2. Explain solid editing commands
3. Explain styles of dimensioning in Auto CAD.
4. Discuss creation of layers and change colour.
5. Discuss design of bin.
6. Write a note on transforming 2D to 3D.
7. Explain assembly of drawing.
8. Discuss display commands.

Part D

Answer any ONE question   (1 x 10.0 =10.0)
1. Discuss in details about production drawing and its output.
2. Explain various process and procedures for setting up drawing in Auto CAD.

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