



KERALA AGRICULTURAL UNIVERSITY
B. Tech. (Food Engg.) 2019 Admission
VI Semester Final Examination – June 2022

Fden.3210

Computer Aided Drafting of Food Processing Equipments (1+1)

Marks: 50
Time: 2 hours

I

Choose the correct answer

(10x1=10)

- When drawing in 2D, what axis do you not work with?
a) X
b) Y
c) Z
d) WCS
- The toolbar at the top of the AutoCAD window is _____.
a) The Draw toolbar
b) The Standard toolbar
c) The Modify toolbar
d) The properties toolbar
- When copying a drawing constructed in AutoCAD using the Copy command from the Edit dropdown menu, the drawing can be pasted into document being worked in other applications. The method of copying and pasting makes use of _____.
a) A DXF file
b) Any item in any application can be automatically copied into another application.
c) An EPS file
d) The drawing is transferred via the clipboard
- To call the Line tool from the command line, the following abbreviation can be entered.
a) lin
b) li
c) l
d) ln
- Press the F9 key on the keyboard for _____.
a) Grid on/off
b) Snap on/off
c) Ortho on/off
d) Osnap on/off
- What should you pay attention to when learning Auto CAD?
a) The Command Line
b) The Status Bar
c) The Title Bar
d) Floating toolbars
- The term used by most CAD systems for 'rounding corners' is _____.
a) Chamfer
b) Curve
c) Fillet
d) Smooth
- An arrow appearing after a name in a drop-down menu means that _____.
a) A command name will appear at the command line.
b) A dialog will appear on screen.
c) A sub-menu will appear.
d) A tool will be activated.
- When using the Rotate tool, the angle of rotation is in the following direction:
a) Clockwise
b) Anticlockwise
c) The direction in which the cursor is moved.
d) There is no fixed rotation direction.
- Isometric drawing is _____.
a) A true 3D pictorial view of the object
b) A 2D pictorial view of the object.
c) A & B both
d) None.

- II** Write short notes on ANY FIVE of the following (5x2=10)
1. Write the advantage offered by a CAD system.
 2. Define CAD system.
 3. Write advantages of Solid Modeling.
 4. Brief about Process in food processing equipments.
 5. List out Computer Hardware used for CAD system.
 6. Name minimum four Drawing entities.
 7. Explain B-rep-Boundary representation.

- III** Answer ANY FIVE of the following (5x4=20)
1. How is CAD used in the Food Industry?
 2. List out various CAD software package and write advantages of CAD software you used.
 3. What do you understand by Geometric modeling? List out Geometric modeling techniques.
 4. List out various input devices used in CAD. Brief any five out of them.
 5. What do you mean by Digitizing tablet? Answer with figure.
 6. Explain Raster Display.
 7. Brief about Joysticks, Trackballs and Thumbwheels.

- IV** Write an essay on ANY ONE of the following (1x10=10)
1. Explain the Wire frame modelling with needful figure.
 2. Explain the Solid modelling with suitable figures.
