



KERALA AGRICULTURAL UNIVERSITY
B.Tech.(Food Technology) 2023 Admission
III Semester Final Examination –January 2025

Pafe.2113

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

Marks: 50
Time: 2 hours

I

Choose the correct answer

(10x1=10)

1. AutoCAD was first released in _____.
 - a) November, 1982
 - b) December, 1982
 - c) December, 1983
 - d) December, 1981
2. How many workspaces are available in AutoCAD?
 - a) 2
 - b) 3
 - c) 4
 - d) 5
3. Which of the following workspaces are available in AutoCAD?
 - a) 3D basics
 - b) 3D modelling
 - c) Drafting and Annotation
 - d) All the above
4. Which of the following is the extension of autocad drawing file?
 - a) DWG
 - b) ACTD
 - c) ACD
 - d) DCG
5. Which key is used to obtain properties palette in autocad?
 - a) Ctrl + 1
 - b) Ctrl + 2
 - c) Ctrl + 3
 - d) Ctrl + 4
6. The scale command can be accessed easily by typing _____.
 - a) S
 - b) C
 - c) SC
 - d) SL
7. To obtain parallel lines, concentric circles and parallel curves, _____ is used.
 - a) Copy
 - b) Fillet
 - c) Offset
 - d) Grid
8. Which of the following is not the keyboard shortcut of AutoCAD?
 - a) Alt + B
 - b) Alt + F4
 - c) Ctrl + P
 - d) Ctrl + F4

9. The objects should be selected by _____ for stretching any object in AutoCAD.
- Select all method
 - Picking method
 - Cross window selection method
 - Control method
10. Which command in AutoCAD is used to create multiple viewports in the layout?
- EATTEDIT
 - VPORTS
 - QSELECT
 - GROUP

II

Write short notes on ANY FIVE of the following

(5x2=10)

- What is 'Rendering'?
- What is the purpose of CAD?
- Define 'focus' of a curve.
- What do you mean by Polar Co-ordinates?
- Define NURBS.
- What are the measures that allow the drag and drop functionality in AutoCAD?
- What is the difference between the Scale command from the command Zoom?

III

Answer ANY FIVE of the following

(5x4=20)

- Depict the difference between CAD and CADD.
- What do you understand by the term 'Texture Mapping'?
- State the importance of Computer Architecture in CAD.
- How can you draw a line more than one time and save it automatically?
- How can you remove the aberration of empty layers?
- How can you copy a closed drawing in AutoCAD?
- What is the method to open a drawing file created with the automatic save features?

IV

Write an essay on ANY ONE of the following

(1x10=10)

- Describe the input devices with examples in detail.
- Explain how to design and draw the following components of food processing equipment using CAD Software
 - Shaft and hopper
 - Bins and pulleys
