



KERALA AGRICULTURAL UNIVERSITY
B.Tech.(Food. Engg.) 2018 Admission
VI Semester Final Examination- October 2021

Fden.3210 Computer Aided Drafting of Food Processing Equipments (1+1)

Marks: 50
Time: 2 hours
(10x1=10)

I Fill in the blanks

1. The function key of the keyboard to Snap on/off is -----
 2. The setting gradient that allows us to fill an open area is -----
 3. The command which converts discrete object in polyline is -----
 4. The colour on CRT screen is obtained by combination of -----
 5. When using the TRIM command, ----- is selected first
- State True or False**
6. Status bar do not contain erase
 7. Scale command is used to draw plain scales
 8. Space ball is used for 3D positioning and selection operations in CAD
 9. The typical ICG system consists of both hardware and software component
 10. Chamfer command is used to bevel the edges

II Write short notes on ANY FIVE of the following

(5x2=10)

1. Command line
2. Absolute coordinates
3. Positioning the 3D drawings
4. Dragging
5. Rotate command
6. Polylines command
7. Write an example for pan command

III Answer ANY FIVE of the following

(5x4=20)

1. Stages in the development of CAD
2. Define CAD. Mention areas of application of CAD
3. Hardware in CAD
4. Text in CAD
5. The importance of geometric transformations
6. Select and pan commands; Illustrate with example
7. Explain the commands chamfer, trim, fillet, polylines with general format and example

IV Write an essay on ANY ONE of the following

(1x10=10)

1. Write the main features of drafting software and Explain, how can computer aided software could be utilized for drafting of food processing equipment?
2. Draw and explain the flow chart for the design of food processing equipments - bins and pulleys
