



KERALA AGRICULTURAL UNIVERSITY
B.Tech. (Food Engg.) 2016 Admission
VI Semester Final Examination- June 2019

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

Marks: 50

Time: 2 hours

(10x1=10)

I Fill in the blanks.

- 1 Rectangular pattern of lines or dots which covers in the entire XY plane of user coordinate system is called -----
 - 2 The axis which is not used when working in 2-D frame is -----
 - 3 The minimum allowable number of layers in a drawing is -----
 - 4 The computer-aided design(CAD) hardware doesn't include -----
 - 5 The term used by most CAD systems for "rounding corners" is -----
- State True or False**
- 6 Grads is not a unit of length measurement
 - 7 Implementing CAD system improves communications
 - 8 Digitizer is an output device in CAD system
 - 9 The typical ICG system consists of software component
 - 10 Tan Centre is not a valid option for drawing a circle

II Write Short notes on ANY FIVE of the following

(5x2=10)

- 1 Offset commands
- 2 State any two benefits of CAD
- 3 Transforming 2D to 3D
- 4 How many points do you need to define for the rectangle command? Explain
- 5 Display command (any one)
- 6 Use of snap command.
- 7 Write an example for pline command

III Answer ANY FIVE of the following

(5x4=20)

- 1 Production drawings
- 2 Explain any four edit commands with general format and example
- 3 What is contained in template drawing? explain
- 4 Dimensions in CAD
- 5 Creation of layers in detail
- 6 Pick command with example
- 7 2D layout and drafting

IV Answer ANY ONE of the following

(1x10=10)

- 1 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 shaft and hopper
