

# KERALA AGRICULTURAL UNIVERSITY

B.Tech.(Food Engg.) 2016 Admission  
II Semester Final Examination – July - 2017

Cat. No: Basc. 1206

Marks: 50

Title: Information Technology (1+1)

Time : 2 hours

## I. Fill up the blanks/Define:

(10 x 1=10)

1. RAM means -----
2. ----- accept the raw data from the external world.
3. ----- is a collection of homogeneous data types.
4. e-mail means -----
5. ASCII code for 'c' is -----
6. The command used for inserting records into database is -----
7. Collection of records is known as -----
8. The process of calling a function itself is -----
9. Example for first generation computers.
10. Define a Computer.

## II. Write short notes on ANY FIVE:

(5 x 2=10)

1. Explain LAN, MAN and WAN.
2. What is a Function? What are the different types of functions.
3. Explain simplex, half duplex, full duplex communication.
4. Differentiate between hardware and software with example.
5. Convert to hexadecimal                      a) 11011                      b) 10111.10
6. Briefly explain different memory units in a computer?
7. Explain Computer networking.

## III Write answers on ANY FIVE:

(5 x 4=20)

1. Write a C programme to find sum of n even numbers.
2. Explain the structure of a C program with example.
3. Explain an operating system structure.
4. What is a data type. Explain the 4 basic data types of C.
5. Explain the codes used for character representation in computer system.
6. Briefly discuss about DBMS.
7. Write notes on Internet. Explain some application.

## IV. Write essay on any ONE

(1 x 10=10)

1. a) Explain computer generations in C.  
(b) Explain the operations on a file in MS access.
2. (a) Explain about memory device with examples.  
(b) Explain the different components and function of MS Access with suitable example.