KERALA AGRICULTURAL UNIVERSITY

B.Tech (Food.Engg) 2012 Admission
IInd Semester Final Examination- July -2013

Cat. No: Basc.1206   Marks: 80

Title: Information Technology (1+1)   **Time: 3 hours**

I Define/Fill in the blanks.   (10x1=10)

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

II Write Short Notes on any _Ten_.   (10x3=30)

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. What are data types? Explain them.
8. What you meant by a network and classify computer networks.
9. Explain **for** loop in C with suitable examples.
10. Explain switch case with example.
11. Explain application of computers.
12. Explain the components of a of Communication network.

III Write short essays on any _Six_.   (6x5=30)
1. Write a C program to print largest of N numbers.
2. Explain theFunctionalities of output devices and explain any two output devices.
3. Explain Analog, digital and hybrid computers.
4. What are the difference between DDL, DML and DCL commands with suitable commands?
5. Write short notes on batch processing systems
6. Explain the number systems used in computer. Explain. How would you convert from one system to other?
7. Explain operators in C.
8. Explain data manipulation in Ms access.

IV Write essay on any *One*.   (1x10=10)
1. a) Explain file organization in detail.
    b) Write a program to print the sum of digits of a number(ex:123 ,1+2+3=6).
2. a) Explain computer generations in C.
    b) Explain the operations on a file in MS access.