KERALA AGRICULTURAL UNIVERSITY

B.Tech (Food.Engg) 2012 Admission

II[nd] Semester One time Special Re-Examination-June -2016

Cat. No: Basc. 1206 **Marks: 80.00**

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

I. **Fill up the blanks** (10 x 1=10)

1. Windows is a ..... operating system.
2. ..... translates source code into object code.
3. DBMS stands for.....
4. Railway reservation system is an ..... system
5. The ABS() library function in C language is used to calculate.....

II. **State True or False**

1.. Compiler converts machine language into high level language.
2. Payroll system is an application package
3. 1 MB = 1024 bytes.
4. Binary equivalent of decimal number 8 is 1001.
5. The increment operator in C language is +++

III. Write answers in a word or sentence:- (Answer any ten) (10 x 3=30)

1. Define Hardware and give examples for it.
2. . What is the function of Control Unit?
3. What is the function of the device 'HUB'.
4. Write short note on Secondary storage devices.
5. What is Hexadecimal number system?
6. Define the term Record in MS-ACCESS.
7. Explain the use of Primary Key in MS-ACCESS.
8. Explain the use of Unique Key in MS-ACCESS.
9. What is the use of header file in C programming?
10. Define the term "INTERNET".
11. Explain the use of SWITCH() statement in C programming.
12. What is the use of Pointers in C programming.

1V. Explain briefly the following (Answer any six) (6 x 5=30)

1. Computer Generation.
2. Different Operating Systems
3. Different data types in C programming
4. Report Generation in MS-ACCESS.
5. Different topologies in Computer Networking.
6. Explain Do Loop in C programming with an example.
7. Write a program in C Language to check whether the given number is odd or even.
8. Write a program in C Language to find the factorial of a given number.

V. Write an essay on any one:- (1 x 10=10)

1. 1. With the help of a block diagram , explain the different parts of a computer.
2. Draw flowchart and write a program in C to solve quadratic equation $ax^2+bx+c=0$