KERALA AGRICULTURAL UNIVERSITY

B.Tech (Food . Engg) Degree Programme 2015 Admission
IInd Semester Final Examination- June – July 2016

Cat. No: Basc 1206

Title: Information Technology (1+1)

Marks: 50.00

Time: 2 hours

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

1. C program is invented by _____ .
2. Brain of the computer is _____
3. _____ is a collection of homogeneous data type.
4. Digital computer works on two basic levels called _____
5. MAN is _____
6. _____ is a single used single task operating system?
7. DDL means_____
8. The library functions are made available to a program by using_____
9. Give the acronym for ASCII.
10. A hexadecimal constant is preceded by _____.

II   Write short notes ANY FIVE   (5 x 2 =10)

1. Differentiate between application software and system software?
2. What are functions is C? Explain with example.
3. Explain about report generation in DBMS.
4. What is the need of a query? Explain the queries for inserting and updating values in a table?
5. Differentiate between break and continue statements.
6. What are the constituent parts of a C program?
7. Explain the characteristics of a communication media.

III. Explain ANY FIVE of the following   (5 x 4 =20)

1. Write a C program to print n prime numbers.
2. Briefly discuss about impact and non impact printers.
3. Convert to Decimal   a) 10111   b) 101.01
4. What is the need of secondary storage devices?
5. Explain memory hierarchy?
6. Discuss about e-mail.
7. Explain the procedures for sorting and merging files in MS access.

IV. Write essay on ANY ONE   (1 x 10=10)

1. a) Explain branching in C with example program.
   b) Write a program to reading a line of text and displaying number of vowels in it.

2. a) Explain the various functionalities of an operating system with examples.
   b) Briefly discuss about number systems used in a computer system? Explain the conversion from one system to other.

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