



**KERALA AGRICULTURAL UNIVERSITY**

**B.Tech.(Food Engg) 2017 Admission**

**II Semester Final Examination- July 2018**

**Basc.1206**

**Information Technology (1+1)**

**Marks: 50**

**Time:2 hours**

**I Fill up the blanks. (10x1=10)**

- 1 .....the study or use of computer and communication systems for storing, retrieving, and sending information.
- 2 ..... has a base 10 and uses 10 digits from 0 to 9
- 3 ..... is an execution of a sequence of instructions or program by the CPU
- 4 The father of Relational Database Management System is .....
- 5 C key words are also known as..... words

**State True or False**

- 6 Google is a Browser Software
- 7 Computer Networks means a collection of autonomous computers
- 8 A common form of internet is a collection of LANs connected by a.WAN
- 9 Void data type returns a value
- 10 Modular programming is also called as Code and Fix approach

**II Write Short notes on any FIVE of the following (5x2=10)**

- 1 Basic components of a Computer
- 2 Steps involved in converting a decimal integer to its binary equivalent with an example.
- 3 Recycle Bin of Windows Operating System.
- 4 List down the SQL commands of Data Definition Language.
- 5 How do you create and manipulate Report Generation using Report Wizard in MS Access?
- 6 What is meant by network topology? Give examples.
- 7 What is called pseudo code?

**III Answer any FIVE of the following. (5x4=20)**

- 1 Characteristics of fourth generation computers.
- 2 Explain the conversion between bits, bytes, kilobits, kilobytes, megabits, megabytes, gigabits and gigabytes
- 3 Functions of Operating System.
- 4 Explain the following: Relation, Attribute, Primary Key and Foreign key.
- 5 What is an email? Explain the general structure of an email account.
- 6 How do we filter a form in MS Access?
- 7 Role of Information and Communication Technologies in Food Industries.

**IV Write an essay on any ONE of the following (1x10=10)**

- 1 Discuss in detail: Computer memory and its types.
- 2 Explain the algorithm and flowchart for adding two integers.

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