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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