Stat.2101                      Agri-Informatics (1+1)                      Marks:50
                                                                          Time:2hours

**I**     **Fill in the blanks**                                           **(10x1=10)**

1 ------------ is primarily aimed at controlling the operation of system components such as input and output devices and the processor.
2 The memories which lose their content on failure of power supply are known as ------
3 Full form of VIRUS is----------------
4 Father of DOS -------------
5 -------------- Microsoft office suite allows users to enter, manage and run reports on large amounts of data.
6 --------- is a family of general-purpose, high-level programming languages.
7 --------------- is the largest network of all computer networks.
8 Diamond shaped symbol is used in flowcharts to show the----------
9 An assembler translates assembly code into ----------
10 Part of algorithm which is repeated for fixed number of times is classified as ----------

**II**     **Write Short notes on ANY FIVE of the following**            **(5x2=10)**
1 Differentiate system software and application software.
2 Different types of processors.
3 Advantages of Database management system over file system.
4 Format of URL in WWW.
5 Differentiate Compiler and Interpreter.
6 Use of algorithm.
7 Concepts of Expert System.

**III**     **Answer ANY FIVE of the following**                        **(5x4=20)**
1 Classification of computers.
2 Various type of operating system.
3 Input and output statement in any two programming language.
4 Open source operating system and software.
5 Procedure to create graphs in Excel.
6 Differentiate Internet and Intranet and its applications.
7 Smart phone application in agriculture for farm advices and post-harvest management.

**IV**     **Write an essay on ANY ONE of the following**                **(1x10=10)**
1 Statistical and Mathematical function with syntax and examples.
2 Explain the following
     a   Function of operating system.       b   e-Agriculture and its applications.

********************