

P P SAVANI UNIVERSITY

First Semester of B.Sc. (Hons.) Agriculture End Semester Examination

June - 2022

AGSG1090-Agriculture Informatics

22.07.2022, Friday

Time: 10:00 a.m. to 12:00 a.m.

Maximum Marks: 50

Instruction:

1. Draw a neat and labeled diagram whenever it is required.
2. Start new questions from new page.

Q.1 Multiple choice questions (01 mark each)

(15)

- 1.1 What is Operating System ?
 - a. Hardware
 - b. Software
 - c. Compiler
 - d. Program
- 1.2 ROM is a type of ...
 - a. CPU
 - b. Monitor
 - c. Memory
 - d. Hardware
- 1.3 Internet is used for ..
 - a. Searching
 - b. Surfing
 - c. Tracking
 - d. All
- 1.4 What is hardware ?
 - a. Can feel it
 - b. Can touch it
 - c. Can see it
 - d. None
- 1.5 What is GB ?
 - a. Giga Byte
 - b. Giga Bit
 - c. Gita Byte
 - d. Geega Bit
- 1.6 Use of IT
 - a. weather forecasts
 - b. plan when to irrigate
 - c. when to plant
 - d. All
- 1.7 Full form of GPS..
 - a. Global positioning system
 - b. Global positioning schema
 - c. Global post system
 - d. ALL
- 1.8 Which are Computer models ?
 - a. Statistical model
 - b. Crop Simulation Model
 - c. Weather forecasting
 - d. None
- 1.9 An input is data that a computer....
 - a. Delete
 - b. Update
 - c. Sending
 - d. Receive
- 1.10 A computer is an ...

- a. Electronic device
 - b. Assembler
 - c. Input Device
 - d. None
- 1.11 A computer has the ability to _____.
- a. Store
 - b. Retrieve
 - c. Process
 - d. All
- 1.12 Software is any set of _____ that tells the hardware what to do and how to do
- a. Instructions
 - b. Program
 - c. Variables
 - d. Devices
- 1.13 File menu contain..
- a. Save
 - b. SaveAS
 - c. New
 - d. All
- 1.14 Memory is used for..
- a. Storage
 - b. Insert
 - c. Delete
 - d. Update
- 1.15 _____ is any part of your computer that has a **Physical structure**.
- a. Software
 - b. Operating system
 - c. Memory
 - d. Hardware

Q.2 Define/ Explain (Attempt any six- 01 marks each)

(06)

- 2.1 What is Desktop Computers ?
- 2.2 Give the name of Input and Output devices.
- 2.3 List the types of computers.
- 2.4 What is information technology ? List the agriculture application based on IT.
- 2.5 What is Operating System ? Give the example of OS.
- 2.6 What is server ?
- 2.7 What is the use of weather forecasting?
- 2.8 What is input output?

Q.3 True/False or Fill in the blank (01 mark each)

(05)

- 3.1 An operating system is system software.
- 3.2 GPS allows farmers to accurately predict the seasons.
- 3.3 An input is the data that computer sending.
- 3.4 LCD Projection panels, printer, monitor, speaker are output devices.
- 3.5 1 Byte= 16 Bits.

Q.4 Short notes (Attempt any six- 02 marks each)

(12)

- 4.1 What is Memory. Write in brief types of Memory.
- 4.2 What is plant validations?
- 4.3 What is Database ? types of Database.

4.4 What is software ? what is hardware ? with Example.

4.5 What is Central Processing Unit ?

4.6 Explain units of memory.

4.7 What is www ? what is DBMS ?

4.8 What is crop calendar using it in agriculture ?

Q.5 Answer the following questions in detail (Attempt any three- 04 marks each) (12)

5.1 Explain computer models in Agriculture.

5.2 Explain the use of an Information Technology in Agriculture.

5.3 Write short note on E-Agriculture.

5.4 Roles of IT in Agriculture sector.

5.5 Explain different types computer.
