MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Agriculture/ Forestry

Semester	: III	Term	: First	Academic Year	: 2024-25
Course No.	: COMP 231	Title	: Agri-Informatics		
Credits	: 2 (1+1)				
Day & Date	: Wednesday, 16.10.2024	Time	: 09:00 to 11:00 hrs.	Total Marks	: 40

Note :
1. Solve ANY EIGHT questions from SECTION 'A'.
2. All questions from SECTION 'B' are compulsory.
3. All questions carry equal marks.
4. Draw neat diagram wherever necessary.

SECTION 'A'

Q.1 Draw a block diagram to illustrate the basic organization of a computer system and give the functions of various units.

Q.2 Differentiate between Software and Hardware.

Q.3 Explain the different features of MS PowerPoint presentation.

Q.4 Describe your views on 'Smartphone application in Agriculture'.

Q.5 What is Decision support system? Explain in short the use of Decision support system in Agriculture.

Q.6 What do you mean by File management? Enlist the different file access methods in computer.

Q.7 Explain in short the procedure for creating chart in MS-Excel.

Q.8 Write short note on Database Management System.

Q.9 What is GPS and GIS? Explain its role in Agriculture.

Q.10 Write in brief about Berlo's model of communication.

SECTION 'B'

Q.11 Spell-out the following abbreviations:

1) CRT
2) EPROM
3) dpi
4) ATM

Q.12 Fill in the blanks:

1) Binary number system is using _____ and _____.
2) _____ are the special purpose output device for producing maps, bar charts and architectural drawings.
3) B1: B15 is called _____ in electronic spreadsheet software.
4) Windows is having _____ user interface.

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