

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) Agriculture/ B.Sc.(Hons.) Forestry

Semester	: III (New)	Term	: First	Academic Year	: 2022-23
Course No.	: COMP 231	Title	: Agri-Informatics		
Credits	: 2(1+1)				
Day & Date	: Saturday, 04.02.2023	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 Define operating system. Explain different types of operating system.
- Q.2 Define hardware and software. Explain different types of software with suitable examples.
- Q.3 Describe in short binary and decimal number systems.
- Q.4 Enlist different input and output devices. Explain Dot Matrix Printer.
- Q.5 a) Explain any two smart phone applications used in agriculture.
b) Explain the role of geospatial technologies in agriculture.
- Q.6 Enlist the different options (submenu) available under the 'Home menu' of Microsoft Word processing software.
- Q.7 What is DBMS? Explain in brief the different types of database models.
- Q.8 Explain Berlo's model of communication with a neat diagram.
- Q.9 Explain any four inbuilt functions available in Microsoft Office Excel.
- Q.10 What is MS PowerPoint? Write the applications of PowerPoint presentation.

SECTION 'B'

- Q.11 Fill in the blanks:
- 1) A byte consists of _____.
 - 2) _____ is used to translate drawings, photos and even text into an electronic format.
 - 3) The intersection of a row and column in MS Excel is called a _____.
 - 4) _____ memory is also known as auxiliary memory.
- Q.12 Give full form of the following :
- 1) GUI
 - 2) ASCII
 - 3) DOS
 - 4) MICR

