

**End Semester/Reappear (Semester III) Examination December 2022**

**Programme: B. Sc. (Hons.) Agriculture**  
**Course: Agri Informatics**  
**Course Code: 13A.211**  
**Enrollment No: \_\_\_\_\_**

**Full Marks: 50**  
**Time: 2 Hrs.**

**Section I**

- 1. Short Answer type questions. Answer any four. 4 x 5 = 20**
- a. Explain the significance of the soil information system.
  - b. Explain about the applications of geospatial technologies in agriculture.
  - c. Define e-agriculture? Also explain its uses.
  - d. Differentiate between Primary memory and Secondary Memory.
  - e. Describe the applications of IT tools for crop planning.
  - f. Describe the advantage of smartphone Apps in agriculture for farm advice.

**Section II**

- Long answer type questions. Answer any two. 2 x 15 = 30**
2. a. Explain the applications of MS Office for document creation & Editing, Data Presentation.  
b. Describe MS word and its features.
  3. a. With the help of a block diagram, explain the major components of the World Wide Web.  
b. What is HTML? List 10 HTML tags.
  4. Describe the significance of smartphones Apps in helping farmers to get information about farm advises, market price, postharvest management, etc.
  5. a. Describe the significance of agriculture expert systems and discuss their benefits and drawbacks.  
b. What role can DSS play in precision farming?

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