

End Semester/Reappear (Semester III) Examination December, 2024
Programme: B. Sc. (Hons.) Agriculture
Course: Agri-Informatics
Course Code: 13A.211
Enrolment no. _____
Full Marks: 50
Time: 2 Hrs.

Q.No.	Questions	CO	Bloom Taxonomy Category	Marks
Section I				
1	Short Answer type questions.			4 x 5 = 20
a	Discuss the evolution of computers from the first generation to the present.	CO1	Understand	
	or			
b	What is a computer? Define the operating system. List the types of operating systems.	CO1	Remember	
	or			
c	What is a computer programming language? Name a few commonly used programming languages.	CO2	Understand	
	or			
d	How does the World Wide Web facilitate information access?	CO2	Remember	
	or			
e	What is the World Wide Web (WWW)? Name the components of the World Wide Web.	CO3	Understand	
	or			
f	Explain the evolution and history of the World Wide Web.	CO3	Understand	
	or			
Section II				
Long Answer type questions.				
2	Explain the role of computer models in simulating and understanding plant processes. Discuss the advantages and limitations of using computer models in agriculture.	CO5	Analyze	2 x 15 = 30
	or			
3	Explore the functions of computer-controlled devices in managing agricultural inputs. Discuss examples of automated systems and their benefits in modern farming.	CO5	Evaluate	
	or			
4	Explain how IT tools and technologies are employed in the preparation of contingent crop plans.	CO4	Evaluate	
	or			
5	Provide case studies or examples showcasing successful contingent crop planning using IT tools.	CO4	Analyze	
	or			

Course Outcome:

At the end of the course, the students will be able to

CO1 Understand analogy of computer

CO2 Basic knowledge of MS Office

CO3 Some basic knowledge of Internet and WWW

CO4 Use of IT application and different IT tools in Agriculture

CO5 Use of Decision support systems, Agriculture Expert System and Soil Information Systems in Agriculture