H.T.No: | | | | | | | | | | | Course Code: **241AE006**

ADITYA UNIVERSITY

B.Tech – I Semester End Examinations Regular (B.Tech2024)

AGRICULTURAL INFORMATICS
(Agricultural Engineering)

Time: 3 hours **Max. Marks: 50**

Answer ONE question from each unit
All Questions Carry Equal Marks
All parts of the questions must be answered at one place only

MODEL QUESTION PAPER

UNIT-I

1	a	Define the term software? Write the comparison between system software and application software?	L2	CO1	[4M]
	b	What is MS-Excel? Write different mathematical and statistical functions of MS-Excel?	L2	CO1	[6M]
		(OR)			
2	a	Define the term OS? Write different types of Operating system?	L2	CO1	[5M]
	b	Write about power point and how it is useful? Explain the features of power point?	L2	CO1	[5M]

UNIT-II

3	a	Describe statistical analysis? Explain the importance of statistical analysis?	L2	CO2	[5M]
	b	Define DBMS? Explain uses of DBMS in Agriculture?	L2	CO2	[5M]
		(OR)			
4	a	Explain about data analysis and classification of data?	L2	CO2	[5M]
	b	Explain briefly about Computer programming? Write different types of compilers?	L2	CO2	[5M]

UNIT-III

5	a	Discuss about different types of network with examples?	L2	CO3	[5M]
	b	Write the differences between C and C++?	L2	CO3	[5M]
		(OR)			
6	a	Define the terms Web Page, Web Site, Web browser and Web Server?	L2	CO3	[5M]
	b	What is JVM? Why Java is a platform independent language?	L2	CO3	[5M]

UNIT-IV

7	a	Discuss about computer controlled devices for agri-input management?	L2	CO4	[5M]
	b	Write short notes on GPS and GIS?	L2	CO4	[5M]

(OR)

8	a	Discuss about different types of computer models in agriculture?	L3	CO4	[5M]
	b	What is ICT? Write its role in agriculture?	L2	CO4	[5M]

UNIT-V

9	a	Write short notes on SIS? Write the applications of SIS?	L2	CO5	[5M]
	b	Discuss briefly about spatial DSS?	L2	CO5	[5M]

(OR)

10	a	Explain about decision support system in Agriculture?	L2	CO5	[5M]
	b	Discuss briefly about GEOGLAM?	L2	CO5	[5M]

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MODEL QUESTION PAPER