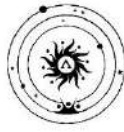


H.T.No:

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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

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]

MODEL QUESTION PAPER