21BCA5E1BI1

Sl. No.

B.C.A. V Semester Degree Examination, Sept./Oct. - 2024
COMPUTER SCIENCE
DSE 1 : Business Intelligence
(NEP)

Time : 2 Hours   Maximum Marks : 60

I. Answer **all** the following questions.   **10x1=10**

1. (a) Define BI framework.

    (b) What is Big Data ?

    (c) Give example for DSS.

    (d) Write the meaning for knowledge base.

    (e) Define Artificial neuron.

    (f) What is speech analytics ?

    (g) Give the types of mathematical programming optimization.

    (h) Expand MCDM.

    (i) What is automated decision system ?

    (j) Give any two applications of AI.

II. Answer **any four** of the following questions.   **4x5=20**

2. Explain the framework of BI.

3. Explain neural networking.

4. Describe the types of DSS.

5. Explain the process of speech analytics.

6. Explain decision analysis with decision tables and decision trees.

7. Write a note on AI.

III. Answer **any three** of the following questions. **3x10=30**

    8. Give a business analytics overview.

    9. Explain the phases of decision making process.

    10. Write a note on neural network.

    11. Explain the mathematical models for decision support.

    12. Explain about expert system.

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