21BCA5E1BI1

B.C.A V Semester Degree Examination, April/May - 2024
COMPUTER SCIENCE
DSE - E1 (B) : Business Intelligence
(NEP)

Time : 2 Hours   Maximum Marks : 60

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

  1. (a) Define Business Intelligence.

   (b) What is Decision Support System (DSS) ?

   (c) Give two examples for BI tools.

   (d) Mention the types of DSS.

   (e) Define Neural networks.

   (f) What is speech Analytics ?

   (g) Expand MCDM.

   (h) Mention the types of Mathematical Programming Optimization.

   (i) Write one example for narrow AI.

   (j) Give two applications of AI   .

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

  2. Explain a framework for BI.

  3. Explain the DSS components.

  4. Write about developing a neural network.

  5. Explain the nearest neighbour for prediction.

  6. Explain Decision analysis with decision trees and tables.

  7. Write a note on Artificial Intelligence.

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

    8. Explain the Decision making process.

    9. Briefly explain the big data analytics.

    10. Explain the layers of neural network.

    11. Explain mathematical models in DSS.

    12. Write a note on Expert Systems.

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