P442

BE/Insem/APR - 110

B.E. (Computer Engineering)

BUSINESS ANALYTIC AND INTELLIGENCE

(2012 Pattern) (Elective - IV) (Semester - II)

Time : 1 Hour]   *[Max. Marks : 30*

Instructions to the candidates :

    1)   *Neat diagrams must be drawn wherever necessary.*

    2)   *Figures to the right side indicate full marks.*

    3)   *Assume suitable data, if necessary.*

    4)   *Solve Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6.*

Q1) a)   Describe the role of Business Intelligence in making a business successful.

                                                                                                      [5]

     b)   List various obstacles to Business Intelligence in an organization.   **[5]**

<div align="center">OR</div>

Q2) a)   Explain the role of Mathematical Model in Business Intelligence.   **[5]**

     b)   Enlist the benefits of Business Intelligence?   **[5]**

Q3) a)   Explain techniques of Decision Support Systems.   **[5]**

     b)   Describe architecture of Decision Support System.   **[5]**

<div align="center">OR</div>

Q4) a)   Describe the concept of Decision Making with diagram.   **[5]**

     b)   Explain applications of Decision Support Systems.   **[5]**

P.T.O.

Q5) a) Differentiate between Operational Database Systems and Data Warehouses. **[5]**

b) Explain the concept of Distributed data warehouse. **[5]**

OR

Q6) a) Draw the Lattice of cuboids, making up a 4-D data cube for the dimensions time, item, location, and supplier. **[5]**

b) Describe the concept of materialized view. **[5]**

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