APR - 18/BE/Insem. - 94

B.E. (Computer)

BUSINESS ANALYTIC AND INTELLIGENCE

(2012 Pattern) (Elective - IV(A)) (Semester - II) (410452A)

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

Instructions to the candidates:

1) *Answer Q1 or Q2, Q3 or Q4, Q5 or Q6.*
2) *Neat diagrams must be drawn wherever necessary.*
3) *Figures to the right indicate full marks.*
4) *Assume suitable data, if necessary.*
5) *Use of log table, calculator and steam table is permitted.*

Q1) a) Describe Business Intelligence system development phases. Which phase of BI system consumes more time? Justify the reason. **[4]**

b) Assume Decision Support System for Education application. Justify the factors which may lead to the success of this application. **[4]**

c) What are the benefits of BI system? **[2]**

OR

Q2) a) Differentiate Data, Information and Knowledge with example. **[4]**

b) Does Mathematical modeling play an important role in Business Intelligence? Justify with an example. **[4]**

c) Why reporting is important in BI system? **[2]**

Q3) a) Justify with example, how Descriptive Business analytical technique is useful for DSS. **[4]**

b) What is BI Dashboard? What is the significance of BI Dashboard? Give one example. **[4]**

c) List few applications of Decision support system. **[2]**

OR

P.T.O.

Q4) a) Justify with example, how Predictive Business analytical technique is useful for DSS. **[4]**

b) Explain phases in decision making process. In which phase experience and creativity of decision makers plays a critical role? **[4]**

c) List techniques used for developing decision support system. **[2]**

Q5) a) Design Star schema for Placement system in an Educational organisation. Decide your own fact and dimension tables. **[4]**

b) Differentiate between OLTP and OLAP. **[4]**

c) Name any two standard Data Warehouse tools used by industries. **[2]**

OR

Q6) a) What is snapshot materialized view? Explain with example. **[4]**

b) Explain Distributed Datawarehouse architecture with diagram. **[4]**

c) Explain drill down operation with an example. **[2]**

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