PA-10178

[6010]-48

B.E. (Computer Engineering) (Insem)
BUSINESS INTELLIGENCE
(2019 Pattern) (Semester-VIII) (410253 (C)) (Elective-VI)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:
1) Answer Q.1 or Q.2, Q.3 or Q.4.
2) Neat diagram must be drawn whenever necessary.
3) Figures to the right indicate full marks.
4) Assume Suitable data, if necessary.

Q1) a) Define Business Intelligence. Explain Architecture of BI. [5]
   b) What kind of ethics are required in business intelligence? Why? [5]
   c) Write a short note on data, information and knowledge with example.[5]

OR

Q2) a) Explain the representation of decision-making process with block diagram. [5]
   b) What are the different stages and benefits of Business Intelligence. [5]
   c) Explain role of mathematical models in BI. [5]

Q3) a) What is Cube? Explain the types of schema design. [5]
   b) Distinguish between Business Intelligence and Data Warehouse. [5]
   c) List the tools in business Intelligence. Explain any 2 tools. [5]

OR

Q4) a) Explain multi-dimensional data cube analysis with OLAP operations.[5]
   b) Explain need for business intelligence in different sectors. [5]
   c) Differentiate OLAP and OLTP. [5]

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