PB270

[6270]-58

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

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

Instructions to the candidates:
1) *Answer Question No. 1 or 2 and 3 or 4.*
2) *Neat diagram must be drawn whenever necessary.*
3) *Figures to the right indicate fall 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) What are the advantages of making decision using business intelligence over making decision without business intelligence? **[5]**

OR

Q2) a) State and explain with example stages of Simon's decision-making process. **[5]**

b) Draw and explain schematic view of Decision Support System. **[5]**

c) Explain role of mathematical models in BI. **[5]**

Q3) a) Draw and Explain Data Warehouse Tier Architecture. **[5]**

b) Compare with diagram ROLAP versus MOLAP. **[5]**

c) Write down example of Example of Fact Constellation. **[5]**

OR

Q4) a) State the difference between Difference between OLAP and OLTP. **[5]**

b) Draw and Explain Star Schema. Also state which is Better: Snowflake Schema Or Star Schema? **[5]**

c) Explain Extraction, Transformation, and Loading (ETL) **[5]**

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