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SEAT No. :

PB270

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**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 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) 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]

