

Total No. of Questions : 4]

SEAT No. :

PB270

[Total No. of Pages : 1

[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 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]

