

No Preview
Available

Total No. of Question : [4]

Registration No. :

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Programme Name : Computer Science & Engineering(DS)
Regular B.Tech.Final Year (A.Y.2023-24) ESE Sem. VII Nov.2023
VII SEMESTER (2020 BATCH)
201DSL404-Business Intelligence & Analytics

Duration : [02:00 PM - 04:00 PM]

Date : 30 Nov, 2023

Day : Thursday

Marks : 50

Instructions :

(Q1) All questions are compulsory. [20.0]

(1.1) What are the different techniques in data mining? Explain the process of data mining. [6.0]

CO :- 406.1, 406.3

Blooms Taxonomy :- Understand, Apply

(1.2) What is data warehousing? Explain ETL process in detail. [7.0]

CO :- 406.1, 406.2

Blooms Taxonomy :- Understand

(1.3) Write the definition and importance of BI and analytics. [7.0]

CO :- 406.1, 406.2

Blooms Taxonomy :- Understand

(Q2) All questions are compulsory. [10.0]

(2.1) Write a note on Summing and other Reporting functions in Excel. [4.0]

CO :- 406.4

Blooms Taxonomy :- Analyze

(2.2) Describe data using charts and basic statistical measures in excel. [6.0]

CO :- 406.4

Blooms Taxonomy :- Analyze

OR [2.2 / 2.3]

(2.3) Why Excel is an important tool in visualisation? [6.0]

CO :- 406.4

Blooms Taxonomy :- Analyze

(Q3) **All questions are compulsory.** [10.0]

(3.1) What are the categories of data visualization? [5.0]

CO :- 406.1, 406.3

Blooms Taxonomy :- Understand, Apply

(3.2) State in detail the different principles of Data Visualisation. [5.0]

CO :- 406.1, 406.4

Blooms Taxonomy :- Understand, Analyze

OR [3.2 / 3.3]

(3.3) Explain various Visualization techniques and tools in detail. [5.0]

CO :- 406.1

Blooms Taxonomy :- Understand

(Q4) **Attempt any two questions.** [10.0]

(4.1) Explain how organisations can ensure compliance with regulations such as GRPR and CCPA while using BI systems. [5.0]

CO :- 406.5

Blooms Taxonomy :- Apply

(4.2) What do understand by Ad-hoc querying and data discovery? [5.0]

CO :- 406.5

Blooms Taxonomy :- Apply

(4.3) Explain any two real time BI examples in detail. [5.0]

CO :- 406.5

Blooms Taxonomy :- Apply
