

Roll No. 2282300309

Total No. of Questions : 6]

[Total No. of Printed Pages : 3

EXS-213

B.Tech. IVth Semester (New Scheme) CSE

Examination, 2023

Data Science

Paper- CS - 402

Time : 3 Hours]

[Maximum Marks : 60

Note :- Attempt all questions. All questions carry equal marks.

1. Briefly explain the role of data science in various fields. 10

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(1)

P.T.O.

OR

Discuss the components of data warehouse.

2. Explain hypothesis with the help of suitable example. 10

OR

What is statistics ? Explain inferential statistics in detail.

3. What is classification ? Explain any one of the classification algorithm with an example. 10

OR

Explain how logistic regression is different from linear regression.

4. Explain supervised & unsupervised machine learning. 10

OR

What is data analysis ? Why python is a popular language for data analysis ? 10

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(2)

5. What is big data ? Explain the characteristics of it. 10

OR

What is SPARK ? What are the advantages of it over hadoop?

6. What is recommendation system ? Also, Explain it uses. 10

OR

Explain the different privacy and security issues of data science.

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(3)

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