

Roll No.:

SGT UNIVERSITY

END TERM THEORY EXAMINATION JULY-2022

Faculty/College of Study:	Engineering & Technology	Year/Semester:	6 th Semester
Program:	B.Tech. (CSE) IBM	Duration:	03:00 Hrs
Course/Subject:	Predictive Analysis	Maximum Marks:	60
Course/Subject Code:	13020624	Batch:	2019

Instructions:-

1. Write Your Roll No. on the Question Paper.
2. Candidate should ensure that they have been provided correct question paper. Complaint(s) in this regard, if any should be made within 15 minutes of the commencement of the exam. No complaint(s) will be entertained thereafter.
3. All Questions are compulsory. Marks are indicated against each question.
4. Illustrate your answer with diagram wherever required.

SECTION-A

(Very Short Answer Type Questions)

Note: All Questions are compulsory: -

[12X1=12 Marks]

S. No.	Question	Marks Allotted
1	What do you understand from predictive analysis?	1
2	What is classification?	1
3	What is prediction?	1
4	Define machine learning.	1
5	What do you understand from labelled data?	1
6	What is regression.	1
7	What is the importance of dataset?	1
8	What is the difference between true positive and true negative?	1
9	Define IBM SPSS modeller.	1
10	What is node in SPSS modeller.	1
11	Define Data Understanding.	1
12	What is data preparation.	1

SECTION-B
(Short Answer Type Questions)

Note: All Questions are compulsory: -

[4X2=8 Marks]

S. No.	Question	Marks Allotted
13	List two applications of machine learning.	2
14	What is the difference between data understanding and business understanding?	2
15	What is the difference between normalization and generalization?	2
16	How to create a super node in SPSS modeller.	2

SECTION-C
(Descriptive Answer Type Questions)

Note: All Questions are compulsory: -

[4X4=16 Marks]

S. No.	Question	Marks Allotted
17	Explain unlabelled data and how it is used in unsupervised learning.	4
18	How does classification works Explain?	4
19	What is the difference between Record ops and Field ops in SPSS modeller?	4
20	What do you understand from confusion matrix, explain its use?	4

SECTION-D
(Long Answer Type Questions)

Note: All Questions are compulsory: -

[4X6=24 Marks]

S. No.	Question	Marks Allotted
21	Differentiate between supervised and unsupervised learning.	6
22	Explain features of machine learning.	6
23	Explain Decision tree and its working.	6
24	Explain data mining, what are its applications.	6