

Student Name:	Printed Pages: 1
University Roll No.:	
School of Engineering First Theory Sessional Examination Odd Semester (AS: 2024-25)	
B. Tech: CSE (IOTBC)	[Year: 3] [Semester : 5]
Course Title: Predictive Analytics	Max Marks: 30
Course Code: ITBC3501	Time: 1hr.

Instructions: 1-Mention any assumptions made.
2-Notations have usual meaning.

SECTION 'A'		Course Objective	Marks
Q. No. 1: Attempt all parts of the following:			
a)	What is Data Analytics?	CO1	1
b)	Write full form of EDA.	CO1	1
c)	Write any two use cases of predictive analytics.	CO1	1
d)	Write full form of SPSS.	CO2	1
e)	What is CLEM?	CO2	1
SECTION 'B'		Course Objective	Marks
Q. No. 2: Attempt any two parts of the following:			
a)	What is the need of predictive analytics? Explain in detail.	CO1	7.5
b)	What is data? Explain the types of data in detail.	CO1	7.5
c)	Explain the concept of data analysis in detail.	CO2	7.5
SECTION 'C'		Course Objective	Marks
Q. No. 3: Attempt any one parts of the following:			

a)	What do you mean by predictive analytics? Explain the types of data analytics in detail.	CO1	10
b)	How predictive analytics transforming data into future insights? Explain in detail.	CO1	10
c)	Explain the following terms in brief: 1) CLEM expression. 2) Role of relationship between two fields. 3) Identifying modeling objectives	CO2	10

Table 1: Mapping between COs and questions

COs	Questions Numbers	Total Marks
CO1	1a), 1b), 1c), 2a), 2b), 3a), 3b)	38
CO2	1d), 1e), 2c), 3c)	19.5

22/10/2022