ME/SemI/CBC95/1T/ND-18/30-11-2018

Paper / Subject Code: 60101 / Data Science.

Q.P.Code: 40822

		(Time: 3 Hrs) Marks: 8	0
N.B.		Question no. 1 is compulsory . Solve any Three questions out of remaining Five questions.	
Q1	a	What are the main challenges of text analysis?	5
	b	Explain the differences between BI and Data Science.	5
	C	Write types of variable assigned with R-Objects with example.	5
	d	How many sections does a box-and-whisker divide the data into? Explain with example	5.00 2000 2000 2000 2000 2000 2000 2000
Q2	a	Explain data science process in detail	10
	b	Explain model based clustering.	10
Q3	a	Explain k-NN with suitable example	10
	b	How to achieve and sustain competitive advantage with Data Science?	10
Q4	a	Describe how logistic regression can be used as a classifier	10
	b	Write short note on Descriptive statistics in R language	10
Q5	a	Justify the term 'Thinking Data-Analytically, Redux'	10
	b	Explain Data Journalism in detail	10
Q6	a	Explain plot() and pairs() function in R. Suppose you are using the plot() function to produce scatterplots of the quantitative variables. When it will produce an error message, 'Error in plot(abc', xyz); 'object 'abc' not found?'	10
	b	Explain ARIMA model in detail.	10