1106M257

CandidatM's SMat No :_____

Intg. M.Sc. IT BIA Semester 2 Examination

BIAMSC 12

Data Science Exploration

Time: 2-30 Hours]

June-2024

[Max. Marks: 70

[07]

Instructions:			
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Question 1: - Attempt follow	ing questions.		
a) Explain Data Science life cycle with figure.b) Explain Any 7 uses of Data Science.			[07] [07]
Question 2: - Attempt follow	ing questions.		
a) Write 7 difference between Data science Vs Data Analytics.b) Explain Any 7 data science components.			[07] [07]
	OR		
b) Explain the a. NumPy e. TensorF		d. Seaborn	[07]
Question 3: - Attempt follow	ing questions.		
	y 7 techniques for working with Traditions y 7 Real life examples of Big Data.	al data.	[07] [07]
	OR		
Question 3: - Attempt follow	ing questions.		
	Write at least 7 differences of Traditional data Vs Big Data. What is Big Data? Explain Volume, Velocity, Variety, Veracity, Value, Variability.		
Question 4: - Attempt follow	ing questions.		
	rays, Linked Lists, Stacks, Queues, Tress, atform generates the data in various formation OR		[07] [07]
Question 4: - Attempt follow			
	y 7 techniques of Data Formatting. y 7 real life examples of Machine Learning	g.	[07] [07]
Question 5: - Attempt followi	ng questions.		
·	ervised Learning. Explain 6 real life examinforcement Learning with figure.	ples of Supervised learning.	[07] [07]
	OR		
Question 5: - Attempt followi	~		
e) List any 3 ty	pes of Machine Learning and explain it.		[07]

f) Explain Linear Regression.