Shri Shankaracharya Institute of Professional Management & Technology Department of Computer Science & Engineering

Class Test- I Session: July-Dec 2022 Month: November

Sem- CSE 7th Subject- Machine Learning Code- D022711(022)

Note: - All questions are Compulsory. Time Allowed: 2 hrs

Max Marks: 40

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
	Differentiate between Supervised Learning, Unsupervised Learning and Reinforcement Learning by taking different parameters.	[8]	Remembering	C01
2.	Point out and describe the process of Knowledge Discovery in Databases with the help of suitable diagram.	[8]	Understanding CO1	C01
'n	Why it is necessary to follow the various steps of SEMMA? Analyze in detail.	[8]	Analyzing	CO1
4.	Analyze briefly the process of Feedforward Neural Network.	8	Analyzing	COS
5.	Point out and describe about the layers of a restricted Boltzmann machine. What happens if we increase number of hidden layers?	8	Applying	COS

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Sem-CSE 7th Subject- Machine Learning

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Shri Shankaracharya Institute of Professional Management & Technology Department of Computer Science & Engineering

Class Test - I Session-July - Dec, 2022 Month-November

Sem-CSE 7th Subject- Data warehousing & Data Mining Code- D022712(022) Max Marks: 40

 Time All	Time Allowed: 2 hrs		Max M	Max Marks: 40
 Note: - At	Note: - Attempt any 05 AQuestions, all carry equal marks. Q.N. Questions	Marks	Levels of Bloom's taxonomy	COs
	Unit I			
 -	Discuss about the typical OLAP operations on multidimensional data with an example	8	Understanding	C01
 2	Sketch an Schematic diagram of datawarehouse of any organization. (Make vour own assumption)	[8]	Applying	CO1
သ	How can you classify data mart with data warehouse?	[8]	Analyzing	C01
4	Describe multidimentional data model.	[8]	Understanding	C02
5	How can you describe ETL Process.	[8]	Understanding	C02
6	What do you remember about data quality? Explain in term of dataware housing.	[8]	Remembering	C02

Shri Shankaracharya Institute of Professional Management & Technology Department of Computer Science & Engineering

Class Test - I Session-July - Dec, 2022 Month-November

SSIPMT A Time Allowed: 2 hrs Sem-CSE 7th Subject- Data warehousing & Data Mining Code- D022712(022) Max Marks: 40

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lote: - At	8	-	2	ω	4	5	6
Note: - Attempt any 05 AQuestions, all carry equal marks. Q.N. Questions	Unit I	Discuss about the typical OLAP operations on multidimensional data with an example	Sketch an Schematic diagram of datawarehouse of any organization. (Make your own assumption)	How can you classify data mart with data warehouse?	Describe multidimentional data model.	How can you describe ETL Process.	What do you remember about data quality? Explain in term of dataware housing.
Marks		[8]	[8]	[8]	8	[8]	[8]
Levels of Bloom's taxonomy		Understanding	Applying	Analyzing	Understanding	Understanding	Remembering
COs		C01	C01	C01	C02	C02	C02

Samuel A

Shri Shankaracharya Institute of Professional Management & Technology Department of Computer Science & Engineering

Sem-CSE 7th Subject-Internet and Web Technology Code- D022713(22) Class Test - I Session- July-Dec, 2022 Month-November

Max Marks: 40

Time Allowed: 2 hrs

Note: - All questions are compulsory. 0. N. A. ₿. C D. Ī Distinguish between UDP and TCP/IP protocol. Discuss 3-tier web-based with block diagram. Compare the addressing scheme of IPV4 and IPV6. Explain HTML. Illustrate Hypertext link in detail. various Questions formatting architecture tags of Marks **∞ ®** 8 8 8 Understanding Understanding Understanding Levels of Bloom's taxonomy Analyzing Applying CO1 COI COs C02 CO1 C02

Samuel (A) Shri Shankaracharya Institute of Professional Management & Technology Department of Computer Science & Engineering

Class Test - I Session- July-Dec, 2022 Month-November

Sem- CSE 7th Subject-Internet and Web Technology Code- D022713(22)



Shri Shankaracharya Institute of Professional Management & Technology Department of Computer Science & Engineering

Sem-CSE 7th Subject-Cyber Security Subject Code: D022732(022) Class Test - I Session- July-Dec, 2022 Month-November

Time Allowed: 2 hrs

rkellI

Max Marks: 40

Note: - All qu	Note: - All question are compulsory and carries equal marks[8].	<i>8j.</i>	Levels of
Q. No.	Questions	Marks	Bloom's taxonomy
А	Explain Cyber security fundamentals with examples.	[8]	Understanding
В	Define cyber-crime. Write about types of cyber crimes.	8	Remembering
C.	Illustrate Anti Forensics and its applications.	[8]	Applying
D.	Compare various Fraud techniques.	[8]	Analyzing
Èμ	Discriminate fast flux and advanced fast flux.	[8]	Analyzing
			1

SSEPAT A Shri Shankaracharya Institute of Professional Management & Technology Department of Computer Science & Engineering

Class Test-I Session-July-Dec, 2022 Month-November

Sem- CSE 7th Subject-Cyber Security Subject Code: D022732(022)

Max Marks: 40

Note: - All question are compulsory and carries equal marks[8].

Time Allowed: 2 hrs

Q. No. A B. D. C Ħ of cyber crimes. with examples. Define cyber-crime. Write about types Explain Cyber security fundamentals applications. Compare various Fraud techniques. Illustrate Anti Forensics and its fast flux. Discriminate fast flux and advanced Questions Marks <u></u> <u></u> 8 [8] [8] Understanding Remembering Levels of Bloom's taxonomy Analyzing Analyzing Applying CO1 601 COs C02 C02 C02

SSAMUL S Shri Shankaracharya Institute of Professional Management & Technology Department of Computer Science & Engineering

Class Test - I Session- Jul-Dec, 2022 Month-November

Sem- CSE 7th Subject- Big data and Hadoop Code- D000719(022)

Time Allowed: 2 hrs

Max Marks: 40

	I	C.	В.	Α.	Q. N.	Note.
	D.		•			- All
Describe HDFS alongwith namenode,	Point Out the main feature of Map Reduce.	Illustrate Data Flow in HDFS Also, explain the anatomy of file read and file write in HDFS.	Discuss in brief about the history of Hadoop.	Explain Big Data and discuss its importance.	Questions	Note: - All questions are compulsory
<u>8</u>	[8]	[8]	[8]	8	Marks	
Analyzing	Analyzing	Applying	Understanding	Understanding	Levels of Bloom's taxonomy	
C02	C02	C02	COI	CO1	COs	

Shri Shankaracharya Institute of Professional Management & Technology

(Signal (Signal)

Department of Computer Science & Engineering

Sem- CSE 7th Subject- Big data and Hadoop Code- D000719(022) Class Test-I Session-Jul-Dec, 2022 Month-November

Time Allowed: 2 hrs

Max Marks: 40

Note: - All questions are compulsory