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)

Time Allowed: 2 hrs   Max Marks: 40

Note: - All questions are Compulsory.

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
1.	Differentiate between Supervised Learning, Unsupervised Learning and Reinforcement Learning by taking different parameters.	[8]	Remembering	CO1
2.	Point out and describe the process of Knowledge Discovery in Databases with the help of suitable diagram.	[8]	Understanding	CO1
3.	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	CO5
5.	Point out and describe about the layers of a restricted Boltzmann machine. What happens if we increase number of hidden layers?	[8]	Applying	CO5

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)

Time Allowed: 2 hrs   Max Marks: 40

Note: - Attempt any 05 AQuestions ,all carry equal marks.

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
	Unit I			
1	Discuss about the typical OLAP operations on multidimensional data with an example	[8]	Understanding	CO1
2	Sketch an Schematic diagram of datawarehouse of any organization. (Make your own assumption)	[8]	Applying	CO1
3	How can you classify data mart with data warehouse?	[8]	Analyzing	CO1
4	Describe multidimentional data model.	[8]	Understanding	CO2
5	How can you describe ETL Process.	[8]	Understanding	CO2
6	What do you remember about data quality? Explain in term of dataware housing.	[8]	Remembering	CO2

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

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

Time Allowed: 2 hrs

Max Marks: 40

Note: - All questions are compulsory.

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
A.	Distinguish between UDP and TCP/IP protocol.	[8]	Analyzing	CO1
B.	Discuss 3-tier web-based architecture with block diagram.	[8]	Understanding	CO1
C.	Compare the addressing scheme of IPV4 and IPV6.	[8]	Applying	CO1
D.	Explain various formatting tags of HTML.	[8]	Understanding	CO2
E.	Illustrate Hypertext link in detail.	[8]	Understanding	CO2

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)

Time Allowed: 2 hrs

Max Marks: 40

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

Q. No.	Questions	Marks	Levels of Bloom's taxonomy	COs
A.	Explain Cyber security fundamentals with examples.	[8]	Understanding	CO1
B.	Define cyber-crime. Write about types of cyber crimes.	[8]	Remembering	CO1
C.	Illustrate Anti Forensics and its applications.	[8]	Applying	CO2
D.	Compare various Fraud techniques.	[8]	Analyzing	CO2
E.	Discriminate fast flux and advanced fast flux.	[8]	Analyzing	CO2

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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

Note: - All questions are compulsory

Q. N.	Questions	Marks	Levels of Bloom's taxonomy	COs
A.	Explain Big Data and discuss its importance.	[8]	Understanding	CO1
B.	Discuss in brief about the history of Hadoop.	[8]	Understanding	CO1
C.	Illustrate Data Flow in HDFS Also, explain the anatomy of file read and file write in HDFS.	[8]	Applying	CO2
D.	Point Out the main feature of Map Reduce.	[8]	Analyzing	CO2
E.	Describe HDFS alongwith namenode, datanode and block in HDFS.	[8]	Analyzing	CO2