



Shri Shankaracharya Institute of Professional Management & Technology

Department of Computer Science & Engineering

Class Test- I Session: July-Dec 2023 Month: October

Sem- CSE 7th A, B & C 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]	Remember	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]	Analyze	CO1
4.	Analyze briefly the process of Logistic Regression.	[8]	Analyze	CO5
5.	Point out and describe about Feature Construction or Generation.	[8]	Apply	CO5

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Class Test – I Session- July – Dec, 2023 Month-October

Sem- CSE 7th(A&B) Subject- Data Mining & warehousing Code- D022712(022)

Time Allowed: 2 hrs

Max Marks: 40

Note: - Attempt all Questions & it's carry equal marks.

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
1	Explain the various components of data warehouse.	[8]	Understanding	CO1
2	How can you classify data mart with data warehouse?	[8]	Analyzing	CO1
3	How can you describe ETL Process.	[8]	Understanding	CO2
4	Describe multidimensional data model.	[8]	Understanding	CO2
5	Distinguish data extraction, transformation, loading and data quality with proper diagram.	[8]	Analyzing	CO2



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Sem- CSE 7th C Subject- Data mining and Warehousing Code- D022712(022)

Time Allowed: 2 hrs Max Marks: 40

Note: - Attempt all Questions ,all carry equal marks.

Q.N	Questions	Marks	Levels of Bloom's taxonomy	COs
1	List out various component of Datawarehouse? With a schematic diagram explain the working of its.	[10]	Remembering	CO1
2	Discuss about the typical OLAP operations on multidimensional data with an example	[10]	Understanding	CO1
3	Define the term meta data. Explain various types of metadata in data warehouse ?	[10]	Analyzing	CO1
4	Describe multidimensional data model.	[10]	Understanding	CO2
5	Describe ETL Process .	[10]	Understanding	CO2



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

Sem- CSE 7th Section(A,B,C) Subject- Internet & Web Technology Code-
D022713(022)

Time Allowed: 2 hrs

Max Marks: 40

Note: - All Questions are compulsory.

Q.N.	Questions	Marks	Levels of Bloom's Taxonomy	COs
Unit I				
A.	Distinguish types of Internet Protocol.	[8]	Analyzing	CO1
B.	Explain Transport layer protocols in detail.	[8]	Understanding	CO1
C.	Illustrate Secured & Non Secured Hyper Text Transfer Protocol in detail.	[8]	Understanding	CO1
Unit II				
A.	Explain Java Script programming.	[8]	Applying	CO2
B.	Describe Document Object Model in detail.	[8]	Analyzing	CO2



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Class Test – I Session July-Dec' 2023 Month- October

Sem- CSE 7th (Section-A, B and C)

Subject- Cyber Security Time Allowed:

Time: 2 hrs.

Max Marks: 40

Note: - Attempt all questions.

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	Cos
Q1	Differentiate Authentication and Authorization. Explain the main idea of the CIA.	[8]	Analyze	CO1
Q2	Define Cyber Crime. Illustrate types of Cyber criminals.	[8]	Apply	CO1
Q3	Distinguish various Malicious Mobile Codes.	[8]	Analyze	CO2
Q4	Compare Fast Flux and Advanced Fast Flux.	[8]	Analyze	CO2
Q5	Explain briefly Rogue antivirus, and Click fraud.	[8]	Understand	CO2



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Class Test – I Session- Apr-May, 2023 Month- April

Sem- B. Tech-VIIth(A,B & C) Subject- Neural Network & Deep Learning Subject Code- D000718(022)

Time Allowed: 2 hrs

Max Marks: 40

Note: - Attempt All Questions. All carry equal marks.

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
Q1	What is neural network and there characteristics.	[8]	Applying	CO1
Q2	Define Artificial Neural Network Architecture.	[8]	Applying	CO1
Q3	Explain Model of Neuron in brief.	[8]	Applying	CO2
Q4	Define Restricted Boltzmann Machine and there layers.	[8]	Applying	CO2
Q5	Explain Activation function & define any one of them.	[8]	Applying	CO2