

Shri Shankaracharya Institute of Professional Management & Technology

Department of Information Technology

Class Test – II Session: Jul – Dec, 2021



Sem- 7th

Subject- Management Information System and IT

Time Allowed: 2 hrs Max Marks: 40

Note: - Attempt any 5 Question. All Carry 8 Marks.

Q. N.	Questions	Marks	Levels of Bloom's taxonomy	COs
1.	Describe the model of HRIS and also explain the main function of Human Resource Information System.	[8]	Analyze	CO3
2.	State Decision Support Systems.	[8]	Understand	CO3
3.	Illustrate the role of Finance and Account Information System.	[8]	Remember	CO3
4.	Describe System Life Cycle.	[8]	Understand	CO3
5.	Discuss Ethics and Need for an Ethics Culture.	[8]	Remember	CO4
6.	Define a Model of an Information Resources Information System.	[8]	Remember	CO4
7.	Describe Business Process Redesign.	[8]	Understand	CO4

Shri Shankaracharya Institute of Professional Management & Technology

Department of Information Technology

Class Test –II Session- July-DEC, 2019 Month-October

Sem- IT 7th Subject- Advance Computer Architecture- 322741(22)

Time Allowed: 2 hrs Max Marks: 40

Note: - 1. Question 1&2 is compulsory, carry 5 marks each. 2. Attempt any 5 from question 3 to 8. All carry equal marks.

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
Unit I				
1.	What are the various classifications of machines?	[5]	Understanding	CO1
2.	What are the benefits of multistage & combine network.	[5]	Understanding	CO2
3.	What are the different network properties & routine?	[6]	Understanding	CO3
4.	What is SIMD parallel algorithm. Write its application also.	[6]	Understanding	CO1
5.	Compare control flow & data control in brief.	[6]	Applying	CO3
6.	Compare static & dynamic interconnection networks.	[6]	Understanding	CO1
7.	Write the application of vector access memory schemes.	[6]	Applying	CO3
8.	Write about multiprocessor system interconnection.	[6]	Applying	CO1



Shri Shankaracharya Institute of Professional Management & Technology

Department of Information Technology

Class Test – II Session- July – Dec 2021 Month - December

Sem- IT 7th Subject-Artificial Intelligence & Expert System Code- 333733(22)

Time Allowed: 2 hrs. Max Marks: 40

Note: -Solve any five Questions. Each question carries equal marks.

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
1.	Derive top-down and bottom-up parse tree for the following sentence: "The small tree shades the new house by the stream"	[8]	Applying	CO4
2.	Illustrate Expert system architecture.	[8]	Understand	CO5
3.	Illustrate Fuzzy Logic, Fuzzy function, Fuzzy measure.	[8]	Understand	CO3
4.	Elucidate the Monkey Banana Problem.	[8]	Applying	CO3
5.	Solve the Dempster-Shafer Theory by taking an example.	[8]	Applying	CO3
6.	Differentiate Supervised & Unsupervised learning with an example.	[8]	Understand	CO3



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Class Test – II Session- July – Dec 2021 Month - December

Sem- IT 7th Subject-Artificial Intelligence & Expert System Code- 333733(22)

Time Allowed: 2 hrs. Max Marks: 40

Note: -Solve any five Questions. Each question carries equal marks.

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
1.	Derive top-down and bottom-up parse tree for the following sentence: "The small tree shades the new house by the stream"	[8]	Applying	CO4
2.	Illustrate Expert system architecture.	[8]	Understand	CO5
3.	Illustrate Fuzzy Logic, Fuzzy function, Fuzzy measure.	[8]	Understand	CO3
4.	Elucidate the Monkey Banana Problem.	[8]	Applying	CO3
5.	Solve the Dempster-Shafer Theory by taking an example.	[8]	Applying	CO3
6.	Differentiate Supervised & Unsupervised learning with an example.	[8]	Understand	CO3

Shri Shankaracharya Institute of Professional Management & Technology, Raipur

Department of Information Technology



Class Test -02

Session- July-Dec 2021

Month-Dec 2021

Sem- 7th

Subject: Cryptography and Network Security 322734(22)

Time Allowed: 2 hrs.

Max Marks: 40

Attempt any 5 questions. All questions carry equal marks.

Q. No.	Questions	Marks	Levels of Bloom's taxonomy	COs
1.	Discuss RSA cryptography technique.	[8]	Apply	CO2
2.	User A and B use the Diffie Hellman key exchange technique a common prime $p=11$ and a primitive root $g=7$.	[8]	Understanding and Apply	CO3
3.	Discuss the Kerberos version 5 message exchange and give the overview of Kerberos using a neat sketch.	[8]	Understanding	CO3
4.	Describe digital signature standard and digital signature algorithm.	[8]	Understanding	CO3
5.	Short notes on: (Any two) a) SHA-512 b) HMAC c) CMAC	[8]	Understanding	CO5
6.	Define fire-wall? Write detail about firewalls, characteristics and types with needed block diagrams.	[8]	Remember and Understanding	CO5



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Class Test – II Session- July-Dec, 2021 Month-December

B.Tech-IT, Sem- 7th Subject- Data mining and warehousing

Code- 333731(22)

Time Allowed: 2 hrs Max Marks: 40

Note: - All Questions are compulsory.

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
1.	List basic operations of OLAP.	[8]	Understand	CO1
2.	Describe Extraction, Transformation, and Loading in datawarehousing?	[7]	Understand	CO1
3.	Differentiate ROLAP, MOLAP, and HOLAP server functionalities?	[5]	Remember	CO1
Section B				
4.	How classification of data mining systems is done? Explain them with example.	[7]	Understand	CO2
5.	Explain steps involved in KDD process with diagram?	[7]	Understand	CO2
6.	Discuss about any two measures of similarity.	[6]	Understand	CO2

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Class Test – II Session- July-Dec, 2021 Month- December

B.Tech-IT, Sem- 7th Subject- Data mining and warehousing

Code- 333731(22)

Time Allowed: 2 hrs Max Marks: 40

Note: - All Questions are compulsory.

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
1.	List basic operations of OLAP.	[8]	Understand	CO1
2.	Describe Extraction, Transformation, and Loading in datawarehousing?	[7]	Understand	CO1
3.	Differentiate ROLAP, MOLAP, and HOLAP server functionalities?	[5]	Remember	CO1
Section B				
4.	How classification of data mining systems is done? Explain them with example.	[7]	Understand	CO2
5.	Explain steps involved in KDD process with diagram?	[7]	Understand	CO2
6.	Discuss about any two measures of similarity.	[6]	Understand	CO2