

Shri Shankaracharya Institute of Professional Management & Technology**Department of Information Technology**

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

Sem- 7th (B.Tech IT) Subject-Cryptography and Network Security

Code – D033711(033)

Time Allowed: 2 hrs. Max Marks: 40

Note: -All questions are mandatory.

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
1.	Elaborate the types of Security Attack in detail.	[8]	Understand	CO1
2.	Describe the Euclid's algorithm with suitable example.	[8]	Understand	CO2
3.	Elucidate the different layers of the OSI security architecture and their respective security considerations.	[8]	Understand	CO1
4.	Summarize the followings: 1. RC 4 2. Block Cipher 3. Data encryption standard (DES)	[8]	Understand	CO2
5.	Differentiate Symmetric & Asymmetric key Cryptography	[8]	Understand	CO2

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Note: - Attempt any 3 questions from PART I and any 2 from PART II

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	Cos
UNIT-I				
Q1	Describe emerging trends in ERP systems that businesses should be aware of in 2023.	[8]	Apply	CO1
Q2	Describe the typical methodologies used for ERP implementation, discussing the steps involved in a successful implementation process.	[8]	Apply	CO1
Q3	Describe common myths or misconceptions about ERP systems, and provide examples to support your claims.	[8]	Understanding	CO1
Q4	How do ERP systems impact different business functions and processes within an organization?	[8]	Understanding	CO1

UNIT- II

Q1	ERP package selection is a two-stage process. What are the two stages?	[8]	Understanding	CO2
Q2	Explore the various reasons that lead to gaps in business processes. Explain how these gaps can affect an organization.	[8]	Applying	CO2
Q3	List the ERP pros and cons of BRP along with the reason for failure.	[8]	Applying	CO2

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Best of Luck

Note: - Attempt any 3 questions from PART I and any 2 from PART II

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	Cos
UNIT-I				
Q1	Describe emerging trends in ERP systems that businesses should be aware of in 2023.	[8]	Apply	CO1
Q2	Describe the typical methodologies used for ERP implementation, discussing the steps involved in a successful implementation process.	[8]	Apply	CO1
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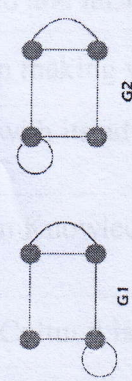
UNIT- II

Q1	ERP package selection is a two-stage process. What are the two stages?	[8]	Understanding	CO2
Q2	Explore the various reasons that lead to gaps in business processes. Explain how these gaps can affect an organization.	[8]	Applying	CO2
Q3	List the ERP pros and cons of BRP along with the reason for failure.	[8]	Applying	CO2

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Best of Luck

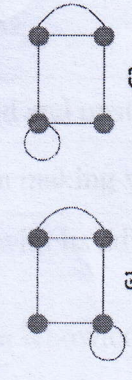


Note:- All questions are compulsory.

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
A.	Explain the type of graphs with examples.	[8]	Understanding	CO1
B.	Describe the different types of graphs with examples. Define an Isomorphic graph, and check whether the following graph is isomorphic or not.	[8]	Understanding	CO1
C.	 G1 G2	[8]	Applying	CO1
D.	Explain Euler graph and Hamilton graph with examples.	[8]	Understanding	CO2
E.	Describe the spanning tree regular graph and write its properties.	[8]	Understanding	CO2



Note:- All questions are compulsory.

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
A.	Explain the type of graphs with examples.	[8]	Understanding	CO1
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C.	 G1 G2	[8]	Applying	CO1
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Class Test – I Session- July – Dec 2023 Month –October

Sem- B. Tech. 7th Subject-Decision Support System Code- D033734(033)

Time Allowed: 2 hrs. Max Marks: 40

Note: -Attempt any 5 questions. All questions carry equal marks.

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
1.	Explain a difference between Structured and unstructured Decision.	[8]	Understanding	CO1
2.	Identify the different phases of decision making with all its point.	[8]	Remember	CO1
3.	Describe EIS decision making system with its advantages and disadvantages.	[8]	Understanding	CO1
4.	Define Database mapping. Also explain Knowledge based system with its properties.	[8]	Remember	CO1
5.	State the various communications and Cultural issue.	[8]	Remember	CO2
6.	Describe assimilation of information and also explain Tools & Technology assimilation with its diagram.	[8]	Understanding	CO2



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

Sem- B. Tech. 7th Subject-Decision Support System Code- D033711(033)

Time Allowed: 2 hrs. Max Marks: 40

Note: -Attempt any 5 questions. All questions carry equal marks.

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
1.	Explain a difference between Structured and unstructured Decision.	[8]	Understanding	CO1
2.	Identify the different phases of decision making with all its point.	[8]	Remember	CO1
3.	Describe EIS decision making system with its advantages and disadvantages.	[8]	Understanding	CO1
4.	Define Database mapping. Also explain Knowledge based system with its properties.	[8]	Remember	CO1
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6.	Describe assimilation of information and also explain Tools & Technology assimilation with its diagram.	[8]	Understanding	CO2



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Class Test – I Session- Jul – Dec2023 Month-October 2023

Sem- IT7th, Subject-Cloud Computing, Code-D033712(033)

Time Allowed: 2 hrs. Max Marks: 40

Note: - Question number 2 and 4 are mandatory. Attempt any 3 from the rest.

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
1.	Describe the essential characteristics of cloud computing and discuss their significance in modern IT environments. How do these characteristics enable greater flexibility and scalability?	8	Understand	CO1
2.	When comparing cloud providers with traditional IT service providers, what are the key distinctions in terms of service offerings and infrastructure management? How do cloud providers revolutionize the way IT services are delivered and managed?	8	Analyze	CO1
3.	Discuss the concept of on-demand self-service in cloud computing. How does this concept contribute to scalability and resource management in cloud-based systems? Provide real-world examples to support your explanation.	8	Understand	CO1
4.	Analyze the evolution from the Managed Service Provider (MSP) model to cloud computing and Software-as-a-Service (SaaS). What major shifts and benefits have occurred in this transition, and how have they influenced the IT landscape?	8	Analyze	CO2
5.	Explore the basic approach to building a data center-based Service-Oriented Architecture (SOA). How does this approach align with the principles of cloud computing, and how can it benefit organizations in the cloud era?	8	Understand	CO2
6.	Describe the role of security architecture design and Identity Access Management (IAM) in ensuring cloud security. Provide practical examples of security architecture design principles and IAM best practices.	8	Understand	CO2
7.	Discuss the key aspects of security management, including people, governance, and portfolio management, in the context of cloud computing. How do these aspects contribute to a robust security strategy for cloud-based systems?	8	Understand	CO2