Shri Shankaracharya Institute of Professional Management & Technology

Department of Computer Science & Engineering

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

Sem- CSE 7th Subject- Palallel Processing & Computing Code-322732(22)

Time Allowed: 2 hrs Max Marks: 40

Note: - All questions from PART1 and PART2. Each question of PART1 carries 2 Marks and 8 marks for PART2. All questions from PART1 is compulsory and solve any 4 questions from PART2.

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
	PART I			
Q1	Define Multiprocessor.	[2]	Understanding	CO1
Q2	Define data broadcasting.	[2]	Remembering	CO2
Q3	Expalin PRAM.	[2]	Understanding	CO1,CO3
Q4	State scheduling	[2]	Understanding	CO2
	PART II			
Q1	Draw and expalin shuffle and shuffle-exchange network .	[8]	Creating	CO1,CO3
Q2	Explain distributed shared memory.	[8]	Understanding	CO1,CO3
Q3	Describe the architecture of Vector-Parallel Cray Y-MP.	[8]	Understanding	CO2
Q4	Discus wormhole routing algorithm.	[8]	Understanding	CO1
Q5	Explain Message-Passing MIMD Machine.	[8]	Understanding	CO1,CO2

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Q3	Expalin PRAM.	[2]	Understanding	CO1,CO3
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Q1	Draw and expalin shuffle and shuffle-exchange network .	[8]	Creating	CO1,CO3
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Shri Shankaracharya Institute of Professional Management & Technology
Department of Computer Science & Engineering
Class Test – II, Session- July – Dec 2021, Month - December
Semester - 7th, Subject- Network Programming, Code- 322733(22)
Time Allowed: 02:00 Hrs. Max Marks: 40

Q.N.	Questions	Marks	Bloom's Taxonomy Level	COs
	Section 1 (Solve Any 2)			
A	State DLL- Issues.	[4]	Understanding	CO3
B	Define HTTP Connection.	[4]	Understanding	CO4
C	Describe the basics of CGI concept?	[4]	Understanding	CO4
	Section II (Solve Any 4)			
A	Explain firewall and security techniques.	[8]	Understanding	CO4
B	Describe the basic steps for creating windows client server socket application.	[8]	Applying	CO3
C	Illustrate the concept of Client-side and Server-side. Also explain the difference between RMI and CORBA?	[8]	Understanding	CO4
D	Illustrate Web databases and the requirement of it in detail.	[8]	Understanding	CO4
E	Construct WAP architecture and state WAP services.	[8]	Understanding	CO4

Shri Shankaracharya Institute of Professional Management & Technology
Department of Computer Science & Engineering
Class Test – II, Session- July – Dec 2021, Month - December
Semester - 7th, Subject- Network Programming, Code- 322733(22)
Time Allowed: 02:00 Hrs. Max Marks: 40

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	Section 1 (Solve Any 2)			
A	State DLL- Issues.	[4]	Understanding	CO3
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Department of Computer Science & Engineering

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

Sem- CSE 7th Subject-Cloud Computing Code- 322746(22)

Time Allowed: 2 hrs Max Marks: 40

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

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
1.	Enlist the security threats associated with the cloud computing model	[8]	Understanding	CO2
2.	Describe IAM system Draw and explain the diagram of identity life cycle.	[8]	Understanding	CO2
3.	Distinguish Authentication and Authorization.	[8]	Applying	CO2
4.	Interpret the use of SOAP in web services	[8]	Understanding	CO4
5.	Illustate the evolution from the MSP Model to Cloud Computing and Software-as-a-Service.	[8]	Understanding	CO4
6.	Write about Cloud Data Center.	[8]	Understanding	CO4

Shri Shankaracharya Institute of Professional Management & Technology

Department of Computer Science & Engineering

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

Sem- CSE 7th Subject-Cloud Computing Code- 322746(22)

Time Allowed: 2 hrs Max Marks: 40

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

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
1.	Enlist the security threats associated with the cloud computing model?	[8]	Understanding	CO2
2.	Describe IAM system? Draw and explain the diagram of identity life cycle.	[8]	Understanding	CO2
3.	Distinguish Authentication and Authorization.	[8]	Applying	CO2
4.	Interpret the use of SOAP in web services?	[8]	Understanding	CO4
5.	Illustate the evolution from the MSP Model to Cloud Computing and Software-as-a-Service.	[8]	Understanding	CO4
6.	Write about Cloud Data Center.	[8]	Understanding	CO4

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Department of Computer Science & Engineering

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

Sem- CSE 7th Subject-Cryptography & Network Security Code-322734(22)

Time Allowed: 2 hrs Max Marks: 40

Note: - In Unit II, IV,V. All questions are compulsory . Each question carries eight marks.

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
1	Illustrate FIREWALL design principles indetail.	[8]	Understanding	CO5
2.	Describe the process of Digital signature through diagram.	[8]	Applying	CO4
3.	Differentiate between MAC and HMAC .	[8]	Understanding	CO4
4.	Point out and describe why Euclid's Algorithm is used and also Write the steps of Euclid's Algorithm.	[8]	Applying	CO2
5.	Illustrate Advanced Encryption Standard Iin detail.	[8]	Understanding	CO2

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Department of Computer Science & Engineering

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

Sem- CSE 7th Subject-Cryptography & Network Security Code-322734(22)

Time Allowed: 2 hrs Max Marks: 40

Note: - In Unit II, IV,V. All questions are compulsory . Each question carries eight marks.

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
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3.	Differentiate between MAC and HMAC .	[8]	Understanding	CO4
4.	Point out and describe why Euclid's Algorithm is used and also Write the steps of Euclid's Algorithm.	[8]	Applying	CO2
5.	Illustrate Advanced Encryption Standard Iin detail.	[8]	Understanding	CO2

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

Sem- CSE 7th (A & B) Subject-Mobile Computing & Application- 322731(33)

Time Allowed: 2 hrs Max Marks: 40

Note: - All questions from PART1 and PART2 are compulsory. Each question of PART1 carries 2 Marks and 8 marks for PART2 .

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
	Unit – I			
A.	Define MAC.	[2]	Remembering	CO3
B.	Define Indirect and snooping TCP.	[2]	Remembering	CO4
C.	Define WAP Gateway.	[2]	Remembering	CO5
D.	Define Mobile IP.	[2]	Remembering	CO3
	Unit – II			
A.	Describe the properties of MAC techniques withsuitable diagram.	[8]	Understanding	CO3
B.	Draw and describe the layers of WAP architecture.	[8]	Remembering Understanding	CO5
C.	Explain about DHCP in detail.	[8]	Understanding	CO4
D.	Explain IEEE 802.11 protocol. Compare Bluetooth,Infrared and 802.11 WLAN.	[8]	Evaluation	CO3

Shri Shankaracharya Institute of Professional Management & Technology

Department of Computer Science & Engineering

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

Sem- CSE 7th (A & B) Subject-Mobile Computing & Application- 322731(33)

Time Allowed: 2 hrs Max Marks: 40

Note: - All questions from PART1 and PART2 are compulsory. Each question of PART1 carries 2 Marks and 8 marks for PART2 .

Q.N.	Questions	Marks	Levels of Bloom's taxonomy	COs
	Unit – I			
A.	Define MAC.	[2]	Remembering	CO3
B.	Define Indirect and snooping TCP.	[2]	Remembering	CO4
C.	Define WAP Gateway.	[2]	Remembering	CO5
D.	Define Mobile IP.	[2]	Remembering	CO3
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A.	Describe the properties of MAC techniques withsuitable diagram.	[8]	Understanding	CO3
B.	Draw and describe the layers of WAP architecture.	[8]	Remembering Understanding	CO5
C.	Explain about DHCP in detail.	[8]	Understanding	CO4
D.	Explain IEEE 802.11 protocol. Compare Bluetooth,Infrared and 802.11 WLAN.	[8]	Evaluation	CO3