Code No.: 305E3

MALLA REDDY ENGINEERING COLLEGE (AUTONOMOUS)

(Affiliated to JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD)
Gundlapochampally (H), Maisammaguda (V), Medchal (M), Medchal-Malkajgiri (Dist), Hyderabad

IV B.TECH II SEMESTER SUPPLEMENTARY EXAMINATIONS, MARCH-2018

Branch: CSE

Subject: **Database Security**

Time: 3 hours   Max. Marks: 75

PART – A

I. Answer All Questions   5x1Mark=5 Marks

1. What is meant by database security.
2. Distinguish between integrity and security
3. How to protect the memory in database.
4. List the types of inference.
5. Define modeling language.

II. Answer All Questions   10x2Mark=20 Marks

1. Discuss the problems related to database security.
2. What are the advantages of Distributed databases.
3. What is Authentication? How does it differ from authorization.
4. What is Encryption? Give an example.
5. List the Functionalities of operating systems.
6. Write the aspects of designing software.
7. Write the concepts of Statistics.
8. Differentiate between direct and indirect attacks.
9. How to Provide Secure connection to database.
10. Discuss ASES system.

PART-B

Answer All Questions   5x10 Marks= 50Marks

1. Explain Access matrix model in detail.

(OR)

2. Discuss Acten security model for Distributed Databases.
3. Discuss SEA VIEW model in detail.

(OR)

4. Explain the security model proposed by Jajodia and Sandhu.
5. Discuss Authentication mechanism in detail.

(OR)

6. Discuss the Security by isolation.
7. Enumerate on Inference Controls.

(OR)

8. Discuss the following security systems
   a) IDES System   b) RETISS System.

9. Explain the Architecture of Orion.

(OR)

10. Discuss the models for the protection of frame based systems.

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IV B.TECH II SEMESTER SUPPLEMENTARY EXAMINATIONS, MARCH-2018

Branch: CSE

Subject: Web Services

Time: 3 hours   Max. Marks: 75

PART – A

I. Answer All Questions   5x1Mark=5 Marks

1. What is RMI ?
2. Mention about BEA Systems products.
3. Give the example code for SOAP header
4. What is WSDL?
5. This Question has to framed from Unit –V

II. Answer All Questions   10x2Mark=20 Marks

1. List out the Challenges in DC?
2. Write about ORB in CORBA
3. Define Web Services
4. What are the basic steps of implementing web services?
5. What are the parts in the SOAP message?
6. Illustrate on request / response exchange of SOAP message exchange patterns
7. Write about the limitations of UDDI.
8. Briefly mention about the future of WSDL
9. What are the different ways to ensure interoperability?
10. What are the guidelines for signing XML DOCUMENTS?

PART-B

Answer All Questions   5x10 Marks= 50Marks

Q1. List and explain the core distributed computing technologies.

(OR)

Q2. Write about role of J2EE and XML in distributed computing?

Q3. Write in detail about tools and technologies enabling web services?

(OR)

Q4. Discuss the benefits and challenges of using web services?

Q5. Write about SOAP encoding and SOAP message exchange models

(OR)

Q6. Explain in detail how SOAP web services are build?

Q7. Briefly write about the structural elements of a WSDL definition document.

(OR)

Q8. Describe the usage of UDDI in error recovery.

Q9. Explain about XML Security Framework

(OR)

Q10 List out the Web Service Pack in J2EE?