Code No.: AD623PE

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CMR ENGINEERING COLLEGE: : HYDERABAD
UGC AUTONOMOUS
III–B.TECH–II–Semester End Examinations (Regular) - June- 2024
WEB SERVICES
(AI&DS)

[Time: 3 Hours]

[Max. Marks: 70]

Note: This question paper contains two parts A and B.
Part A is compulsory which carries 20 marks. Answer all questions in Part A.
Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART-A
(20 Marks)

1. a) Define the web services? [2M]
   b) List of challenges in distributed computing. [2M]
   c) Explain basic steps of implementing Web Services. [2M]
   d) Design the Web Services architecture. [2M]
   e) What are the service roles in a SOA? [2M]
   f) Define the reliable messaging. [2M]
   g) What is the role of WSDL? [2M]
   h) What are the WSDL elements? [2M]
   i) What is UDDI? [2M]
   j) What is the role of service registries in Web Services? [2M]

PART-B
(50 Marks)

2. Explain the basic operational model of Web Services. [10M]

OR

3. Discuss the challenges and issues in distribute computing. [10M]

4. Explain the core web services standards. [10M]

OR

5. Explain in detail the process steps involved in implementing Web Services. [10M]

6. Discuss the various SOAP message exchange models. [10M]

OR

7. Explain the structure of SOAP messaging protocal. [10M]

8. Discuss the WSDL in the world of Web Services. [10M]

OR

9. Discuss in detail Web service life cycle and WSDL bindings. [10M]

10. Design and explain UDDI architecture [10M]

OR

11. Discuss about UDDI implementation. [10M]

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