Code: 6304E1/R

Faculty of Science

B.Sc (Computer Science) III-Year, CBCS –VI Semester

Regular Examinations June / July 2022

PAPER: Web Technologies

Time: 3 Hours

Max Marks: 80

Section-A

I. Answer any *eight* of the following questions   (8x4=32 Marks)
   1. Define image tag with an example.
   2. Define Text formatting tags with an example.
   3. How to add video and audio to your web page.
   4. Explain Box Model with an example.
   5. What are the Miscellaneous Properties?
   6. Explain about Navigation object.
   7. What are the looping statements give one example in Java Script.
   8. Form Enhancement in Java Script.
   9. Explain about Built-In Objects.
   10. Define simple AJAX application.
   11. Define XML? What are the advantages of XML?
   12. Http Request objects.

Section-B

II. Answer the following questions   (4x12=48 Marks)

13.(a) Define Frameset, Frame tag. Divide the web page into four equal parts each individual part displays different web page.

(OR)

(b) Define Table tag and their attributes with an example.

14.(a) Explain about Cascading Style Sheets with an example.

(OR)

(b) Define Form tag. Design a Registration Page by using all Form controls.

15.(a) Explain about Function definition, Function calling, Function parameter, return type with a suitable example in Java Script.

(OR)

(b) Explain Document Object Model with suitable examples and code.

16.(a) Explain about XML Schema with an example.

(OR)

(b) What is an XML DOM.? How DOM parses the XML file.

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Faculty of Science

B.A/B.Sc (Computer Applications) III-Year, CBCS –VI Semester

Regular Examinations -June/July, 2022

PAPER: Web Technologies

Time: 3 Hours

Max Marks: 80

Section-A

I. Answer any *eight* of the following questions　　　　　(8x4=32 Marks)

1. What is HTML?
2. Explain Meta elements.
3. Explain linking external sheets.
4. Write a simple program in Java script.
5. Explain memory concepts.
6. Explain prompt dialog.
7. Explain program modules in java script.
8. Explain multidimensional arrays.
9. Explain onfocus.
10. Explain document object model.
11. Explain document and window objects in java script.
12. Explain XML vocabularies.

Section-B

II. Answer the following questions　　　　　(4x12=48 Marks)

13. (a) Explain special characters and horizontal rules in detail.

(OR)

(b) Explain the process of building a CSS .

14. (a) Explain the use of break and continue statement in java script with example.

(OR)

(b) Explain the use of different operators in java scripting with an example.

15. (a) Explain the references and parameter references in detail.

(OR)

(b) Explain the event onload , event bubbling and other events.

16. (a) Explain W3C XML schema documents in detail?

(OR)

(b) Explain XSL transformations in detail .

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Code:4304/R

Faculty of Science

B.Sc (Computer Science) III-Year, CBCS –IV Semester

Regular Examinations -June/July, 2022

PAPER: Data Base Management Systems

Time: 3 Hours

Max Marks: 80

Section-A

I. Answer any *eight* of the following questions   (8x4=32 Marks)

1. What is Database Approach?

2. Write Different Data Models.

3. What are Views? How to create a View?

4. Define SQL Data Types.

5. What are Sub queries? Write an example.

6. How to Grant Privileges to other users in SQL?

7. What are Fan Traps? Explain.

8. Explain Aggregation in ER model.

9. Write a short note on Functional Dependencies.

10. Write a short note on RAID.

11. What is Concurrency control? Specify its need.

12. What are Recovery facilities?

Section-B

II. Answer the following questions   (4x12=48 Marks)

13. (a) Explain the Advantages and Disadvantages of DBMS over File System.

(OR)

(b) Explain the Basic Relational Algebra Operations.

14. (a) Explain the Aggregate and Grouping Functions of SQL.

(OR)

(b) Describe various Integrity Enhancement Constraints in SQL.

15. (a) Explain ER model in detail. And also draw ER diagram to represent Strong and Weak Entity sets.

(OR)

(b) What is Normalization? Write the purpose of it. Explain the Data Redundancy and update Anomalies.

16.(a) Define a Transaction. Explain the properties of a Transaction.

(OR)

(b) Describe the Time Stamping methods in detail.

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