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III Semester M.C.A. Degree Examination June/July - 2024**COMPUTER SCIENCE****Web Programming (Elective)****(CBCS Scheme YK 20)****Time : 3 Hours****Maximum Marks : 70****Instructions to Candidates :**

1. Answer any **Five** questions from **Part-A**. Each question carries **6** marks.
2. Answer any **Four** questions from **Part-B**. Each question carries **10** marks.

PART - AAnswer any **Five** of the following questions. Each question carries **6** marks. **(5×6=30)**

1. Explain Local Storage concept in HTML5.
2. Explain the drag and drop concept of HTML5 with example.
3. Discuss the various mouse and key events used in java script.
4. Explain the features of Apache Web Server.
5. Write a program to demonstrate image based Ajax.
6. Differentiate between XML and HTML5 features.
7. Explain implementation of Data base access using PHP and AJAX using an example.
8. Explain the implementation of cookies and sessions in Ajax.

PART - BAnswer any **Four** full questions. Each question carries **10** marks. **(4×10=40)**

9. a) Explain different ways of creating javascript objects with example. **(5)**
b) Discuss Web Workers concept used in HTML5 with an example. **(5)**

[P.T.O.]



10. a) Explain methods of accessing and modifying DOM elements. (6)
b) Write a note on Event Bubbling and Event Capturing. (4)
11. a) Explain the HTTP request methods. (5)
b) Briefly explain MIME. (5)
12. a) Explain the concept of java script object, prototype Inheritance with an example. (6)
b) Explain the properties of the XMLHttpRequest Object. (4)
13. a) Compare the features of JSON and XML. (5)
b) Briefly explain Dynamic Script Loading. (5)
14. Write a note on
a) XMLHttpRequest Object methods. (5)
b) Cross - Origin Resource sharing (CORS). (5)