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**III Semester M.C.A. Degree Examination, May/June - 2025**  
**COMPUTER APPLICATIONS**  
**Web Programming**  
**(CBCS Scheme 2020-21)**

**Time : 3 Hours****Maximum Marks : 70****Instructions to Candidates :**

- 1) Answer any Five questions from Section - A, each carries Six marks.
- 2) Answer any Four questions from Section - B, each carries Ten marks.

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

1. Explain features of HTML5 and javascript.
2. Discuss Local storage and web workers features of HTML5 with example.
3. Explain different methods used for accessing and modifying DOM elements.
4. Explain prototype inheritance in Javascript with an example.
5. What is the need of DTD in XML? Explain its types with example.
6. Explain XMLHttpRequest Object methods and properties.
7. What are Cookies? Explain how cookies and sessions are handled in Ajax with example.
8. What are XML Parsers? Explain any two types of parsers.

**SECTION - B****Answer any Four of the following questions. Each question carries 10 marks.****(4×10=40)**

9. a) Explain the Hoisting feature and Arrays in Javascript with example. (6)  
b) What is DOM? Explain DOM Model with a neat diagram. (4)

**[P.T.O.]**



10. a) What is event handling? Discuss mouse and key events in used in Javascript. (6)  
b) Write a note on event bubbling and event capturing. (4)
11. a) What is Apache Web Server? Explain its features. (5)  
b) Explain GET and POST methods used in HTTP. (5)
12. a) Explain HTTP Request and HTTP Response message format with diagram. (5)  
b) Briefly explain features and importance of AJAX. (5)
13. a) Differentiate between JSON and XML features. (5)  
b) Explain Cross Domain Access (CORS). (5)
14. Write a note on
- a) MIME (5)  
b) Dynamic Script Loading (5)

