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Reg. No.

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III Semester M.C.A Degree Examination, June/July - 2023

COMPUTER SCIENCE

Web Programming (Elective)

(CBCS Scheme 2020-21)

Time : 3 Hours

Maximum Marks : 70

*Instructions to Candidates:*

1. Answer any **Five** full questions from Part -A. Each question carries **Six** marks.
2. Answer any **Four** full questions from Part -B. Each question carries **Ten** marks

**PART-A**Answer any **Five** of the following. Each question carries **Six** marks.

(5×6=30)

1. Explain Local storage, Web workers features in HTML5 with an example.
2. What is Event handling? Discuss synthetic events in JavaScript.
3. Discuss the features of Apache server.
4. Explain how to implement pattern matching in Ajax with an example.
5. Explain prototype inheritance in JS with an example.
6. Explain user defined functions in Java Script with example.
7. Discuss how Ajax supports Cross- Domain Access (CORS) with example.
8. Explain Http Request and Http Response Format with diagram.

**PART - B**Answer any **Four** full questions of the following. Each question carries **Ten** marks.

(4×10=40)

9. a) Explain JavaScript arrays operation Discuss Array built-in functions in JavaScript with an example. (6)
- b) Discuss Drag and Drop concept in HTML5 with examples. (4)

[P.T.O.]





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10. a) Explain DOM2 (Document Object Model) Model with a neat Diagram. (5)  
b) Discuss Form Events in JavaScript with an example. (5)
11. Explain the following:  
a) http and httpd server (6)  
b) write html 5 code to insert an image and hyperlink. (4)
12. a) Discuss how to implement Cookies and Sessions in Ajax with example. (6)  
b) Explain XMLHttpRequest object (4)
13. a) Explain Image-Based Ajax with example (5)  
b) Compare and Discuss XML Features with HTML (5)
14. Write short note on:  
a) MIME  
b) Event Bubbling (5+5)

