



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.C.A.DEGREE EXAMINATION – COMPUTER APPLICATIONS

FOURTH SEMESTER – NOVEMBER 2018

16PCA4MC03– OPEN SOURCE WEB TECHNOLOGIES

Date: 31-10-2018
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

Part – A

Answer ALL questions

10 X 2 = 20

1. What is SMTP?
2. Trace the origin of WWW.
3. What is **<fieldset>**?
4. What are the HTML Video Media Types?
5. Write an example for Flexbox.
6. What is RWD Viewport?
7. List any two JavaScript Frameworks.
8. “In JavaScript, almost ‘*everything*’ is an object”. Write your comment.
9. What is XAMPP?
10. What is ‘indexed array’ in PHP?

Part – B

Answer ALL questions

5 X 8 = 40

11. (a) Compare and contrast static web pages from dynamic web pages.

OR

(b) Elaborate the generation of dynamic page with an example.

12. (a) Elucidate the Anchor Element with an example.

OR

(b) Demonstrate Responsive Web Design.

13. (a) Illustrate Inline and Internal style sheet for a web page.

OR

(b) Elucidate Margins and Positions using CSS.

14. (a) Explain the data types in JavaScript.

OR

(b) Illustrate the control structures in JavaScript.

15. (a) Explain the advantages of PHP.

OR

(b) Demonstrate PHP Error handling.

Part – C

Answer any TWO Questions.

2 X 20 = 40

16. (a) Elaborate HTTP Request and Response.
(b) Explain the HTML APIs for Geolocation, Local Storage, Web Workers, and SSE.
17. (a) Demonstrate 2D Transforms in CSS3.
(b) Illustrate the JavaScript HTML DOM Events.
18. (a) Elucidate connectivity of a PHP web page with MySQL database.
(b) Explain the Gradients in CSS3.
