S.No. : 40　　　　　　　　　　　　　　　　MCA 2502

No. of Printed Pages : 04

Following Paper ID and Roll No. to be filled in your Answer Book.

PAPER ID : 21252　Roll No. | | | | | | | | | |

MCA Examination 2018-19

(Fifth Semester)

WEB TECHNOLOGY AND APPLICATION DEVELOPMENT

Time : Three Hours]　　　　*[Maximum Marks : 60*

Note :– (i) Read the instructions given in each section.

(ii) There are three sections A, B and C.

SECTION–A

1. Attempt all parts of the following :　　　$8 \times 1 = 8$

(a) Define Simple Mail Transfer Protocol.

(b) What do you mean by External CSS?

(c) Define functions in Java Script.

(d) What is client side validations?

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(e) What are the built-in objects in ASP?

(f) Define the role of JSP in web development.

(g) What are the datatypes used in PHP?

(h) Describe the importance of my SQL in web development.

SECTION – B

2. Attempt any two parts of the following : 2×6=12

(a) Define internet protocols. Also discuss any three internet protocols with proper detail.

(b) How event-handling is being performed in Java Script? Discuss in detail.

(c) Explain the JSP architecture with suitable diagram.

(d) How a file can be uploaded to the web server using PHP? Discuss in detail.

SECTION – C

Note :– Attempt all questions. Attempt any two part from each questions. 5×8=40

3. (a) What do you mean by DOM? How it plays its role in developing web applications?

(b) Why internet is also termed as Web? Also discuss the history of internet.

(c) How forms can help in web development? Also describe its elements.

4. (a) What is the role of Java Script in web development? Discuss functions in Java Script with proper syntax.

(b) Discuss the various programming constructs in Java Script with proper examples.

(c) Briefly describe the types of dialog boxes used in Java Script with proper diagram.

5. (a) What is JSP? Explain accessing database in JSP through JDBC.

(b) Briefly describe the built-in objects of Active Server Pages (ASP).

(c) What do you understand by JSP life cycle? Explain with proper detail.

6. (a) Discuss the database connectivity from PHP front end to My SQL, with proper coding example.

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(b) What are the different elements those can be used in PHP form? Discuss atleast three elements.

(c) Briefly describe the various data types and operators used in PHP coding.

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