PG/IIIS/MCA/303/22

MCA 3rd Semester Examination, 2022

INTERNET AND WEB TECHNOLOGY

PAPER — MCA-303

Full Marks : 70

Time : 3 hours

The figures in the right hand margin indicate marks

Candidates are required to give their answers in their own words as far as practicable

GROUP — A

Answer any **five** questions : 2×5

1. What is a CDN ?

2. Define DNS.

3. What do you mean a framework ? Give examples.

4. Explain DOM.

5. Give the syntax of writing a CSS.

6. What is the difference between XML and HTML ?

7. What are Apache and WAMP ?

8. Why HTTP is called a stateless protocol ?

GROUP — B

Answer any **four** questions : 15×4

9. (a) What is a CSS ? Explain different types of CSS. Give an example to create a CSS for a class, Id and any one html tag.

   (b) What is a scripting language ? Give examples.
   $(2 + 6 + 3) + 4$

10. (a) Write down the connection string to connect PHP and MySQL database ? Explain the parameters.

    (b) State the functions of the attributes action, method, enctype of an html form. $9 + 6$

11. (a) What is URL ? Explain the different components of an URL.

    (b) Describe foreach loop.

    (c) Explain <a> and <img> tag of HTML.

$(2 + 6) + 4 + 3$

12. (a) What are the global variables ? Explain the $_POST, $_GET and $_REQUEST array.

    (b) What are different types of buttons that you use in HTML/PHP ?

$8 + 7$

13. (a) What do you mean by web 2.0 and World Wide Web consortium ?

    (b) Give the syntax to write 1D array in PHP. What do you understand about Numeric array, Associative array and Multidimensional array ?

    (c) What is DTD ? Briefly explain. $4 + (2 + 6) + 3$

14. Briefly explain the different functions wih example to fetch data from mySql database to PHP. 15

(*Turn Over*)

15. (a) What roles does browser and a web server plays while communication with each other. Discuss.

(b) What are the ways to include file in PHP ?

7 + 8

16. (a) What are the differences between session and cookie ? Give examples of both.

(b) Explain with example the use of substring function.

10 + 5

17. Briefly explain any *three* functions of the following :

(a) explode() and implode()

(b) strpos() and str_replace()

(c) array_merge() and array_intersect()

(d) isset() and unset()

(e) wordwrap() and stripslashes().

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