

**MCA 3rd Semester Examination, 2024**

**MCA**

*( Internet and Web Technology )*

**PAPER – MCA-303**

*Full Marks : 100*

*Time : 3 hours*

**Answer all questions**

*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. Define image tag with an example.**
- 2. What is JavaScript ? Write the advantages of JavaScript.**

*( Turn Over )*

3. List the types of Style sheets.
4. What is the use of \$ symbol in PHP, explain with an example ?
5. What are the data types supported by PHP ?
6. What is the difference between internet and intranet ?
7. Mention the default port number of http and https communication.
8. What is a root server ?

**GROUP – B**

Answer any **four** questions :                      15 × 4

9. (a) What is CSS ? Write the advantages of using Bootstrap.
- (b) Write the basic syntax of CSS.

- (c) Explain different types of Cascading Style Sheets with an example. (2 + 2) + 3 + 8
10. (a) Explain database connectivity in PHP with reference to MYSQL.
- (b) Briefly explain-cookies and sessions in PHP with a suitable program of your choice. 10 + 5
11. (a) What are the differences between GET and POST methods in form submitting ? Give the case where we can use GET and POST methods with examples.
- (b) Give the difference between Client Side scripting and Server Side Scripting language. 10 + 5
12. (a) What is an URL ? Briefly explain the different components of an URL.
- (b) What is the difference between static and dynamic websites ? 10 + 5

**13. (a)** Explain about Conditional Statement in PHP.

**(b)** Design a PHP script for uploading a file to the server and display the uploaded files details. 6 + 9

**14. (a)** How does communication between server and client takes place ?

**(b)** Give the difference between include () and require () function call in PHP. 9 + 6

**15. (a)** Briefly explain different types of PHP techniques to fetch data from MySQL database ? Illustrate with example.

**(b)** Mention the use of Cookies in web technology. 12 + 3

**16.** Write short notes on any *three* of the following : 5 × 3

( 5 )

- (a) Classful vs. Classless addressing
- (b) Web Security and Firewalls
- (c) Compare ipv4 and ipv6
- (d) File Handling operations in PHP.

**[ Internal Assessment – 30 Marks ]**

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