

2025

MCA 3rd Semester Examination

MCA

Paper : MCA - 303

(Internet and Web Technology)

Full Marks : 100

Time : Three Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

Group - A

Answer any five questions : $2 \times 5 = 10$

1. What is a webserver?
2. Define Anchor tag with an example.
3. What is the use of \$ symbol in PHP, explain with an example.
4. Write the advantages of JavaScript.
5. What is the difference between MAC address and IP address?
6. What is Domain name?
7. State the difference between POP3 and IMAP.

P.T.O.

8. What is the scope of the variables in JavaScript?

Group - B

Answer any *four* questions : $15 \times 4 = 60$

9. (a) What is the need of scripting languages in web technologies?
(b) What are the differences between GET and POST methods in form submitting? Give the case where we can use get and we can use post methods.
 $5 + (5 + 5)$
10. (a) What is a database? How can you connect PHP with a database?
(b) Explain the box model in CSS and how it influences the layout and sizing of elements. $10 + 5$
11. (a) Define Session and Cookies. Explain with an example program.
(b) List and explain the Control structures used in PHP.
 $10 + 5$
12. (a) Briefly explain different types of HTTP status codes.
(b) What is AJAX? Explain how AJAX works. $10 + 5$
13. (a) Briefly discuss any two string functions used in PHP.
(b) Explain about form elements. $7 + 8$

(3)

14. (a) Explain the difference between OSI and TCP/IP reference model with neat diagram.
- (b) What are the types of classful addressing? 7+8
15. (a) List down the use of CSS in web development.
- (b) What are the different types of CSS? Explain the use in detail. 3+12
16. (a) What methods are available in PHP for retrieving and displaying database query results?
- (b) How are text and textarea fields created within a form? 10+5

Internal Assessment : 30 marks
