

**P-884**

Total Pages : 3

Roll No. ....

# **MCS-E1**

## **Web Technology**

Master of Computer Application (MCA)

3rd Semester Examination, 2023 (June)

**Time : 2 Hours]**

**Max. Marks : 70**

**Note :** This paper is of Seventy (70) marks divided into two (02) Sections A and B. Attempt the questions contained in these sections according to the detailed instructions given therein. Candidates should limit their answer to the questions on the given answer sheet. No additional (B) answer sheet will be issued.

### **SECTION–A**

#### **(Long Answer Type Questions)**

**Note :** Section 'A' contains Five (05) long answer type questions of Nineteen (19) marks each. Learners are required to answer any Two (02) questions only.

(2×19=38)

1. What is HTML? Discuss about the structure of HTML document. Explain any ten tags of HTML with example.

2. What is JavaScript? How the HTML DOM can be accessed with JavaScript and with other programming languages?
3. What is CSS? List out the various CSS properties. Explain the various concepts of CSS properties with example.
4. What is PHP? What are the different types of variable and operators in PHP? Explain them through suitable example.
5. Discuss and differentiate between the following :
  - (a) Server-side programming and client-side programming.
  - (b) Servlet and CGI.

## **SECTION-B**

### **(Short Answer Type Questions)**

**Note :** Section 'B' contains Eight (08) short answer type questions of Eight (08) marks each. Learners are required to answer any Four (04) questions only. (4×8=32)

1. What do you mean by semantics Web? Explain the difference between semantics and non-semantic elements with example.
2. What are the advantages and disadvantages of static and dynamic website? How dynamic website is better than static website? Explain.

3. How will you create a table in HTML? How tables provide a means of organizing the layout of data?
  4. What is DOM tree? How will you traverse in DOM tree?
  5. What are the different JSP elements? What are their uses?
  6. What is servlet in JAVA application? Differentiate between doGet() and doPost() methods.
  7. What is the need of scripting language in web technology?
  8. What are the advantages of XML over HTML?
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