S-780

MCS-E1

Web Technology

Master of Computer Application (MCA)

3rd Semester, Examination 2022(Dec.)

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.

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 x 19 = 38]

P.T.O.

Q.1. What do you mean by CSS? How CSS enables us to control rendering of styles such as fonts, color, type face, size and other aspects of document style? Discuss the difference between HTML and CSS also.

Q.2. Why JSP engine is required to process JSP pages? Also explain why it runs under the supervision of the servlet engine.

Q.3. What do you mean by JDBC? Explain the different types of JDBC and JDBC drivers with example.

Q.4. Explain the difference between JAVA and JavaScript. Briefly discuss about the various control flow statements of JavaScript with example.

Q.5. Explain the validation and different categories of JSP tags with suitable example.

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 x 8 = 32]

Q.1. What is event handler? Explain the use of onMouse Over and OnMouseOut event with suitable example.

Q.2. How will you create a table using JSP? Explain it using suitable example.

Q.3. Explain the different types of XML parsers.

Q.4. Explain the life cycle of servlet with neat diagram.

Q.5. Briefly discuss about the concept of web services.

Q.6. Define cookies. How to create and delete the cookies? How can we retrieve the cookie value?

Q.7. How will you define and array? How can we use one dimensional and two-dimensional array in PHP? Explain it through example.

Q.8. How JavaScript can be embedded in HTML page? Explain it through example

****