

COMPUTER SCIENCE

(Paper : A06 : Web Programming)

Time Allowed : Three Hours

Maximum Marks : 65

Note : Attempt any *five* questions in all selecting *one* question from each Section. Entire Question No. 9 is compulsory.

SECTION – A

1. (a) Describe the main services provided on the Internet.
(b) Explain the terms : Web Browser and Web Server. How are they related to each other ? 6,7
2. (a) Describe the main building blocks of HTML.
(b) How to have an image in web document? Explain the main attributes used with it. 6,7

SECTION – B

3. (a) Design a web page containing a table to show data related to a student like roll no, name and marks in three subjects. Use various features of tables like colspan, rowspan, cellpadding, cellspacing etc.
(b) What is a Form? Describe various input tags used in Form. Explain by using examples. 6,7
4. Describe the various parts of a CSS rule. Also describe the various ways of embedding these rules into a web page. Give suitable examples. 13

SECTION – C

5. (a) What is DHTML? How is it possible to move and hide elements and images in a web page?
(b) Write short note on mouse rollovers. Also give examples. 6,7
6. (a) How functions are defined and called in Java Script? Explain with examples.
(b) What is event handling ? What type of events can Java Script handle? Explain briefly. 6,7

SECTION – D

7. (a) Which features of Java make it suitable for Internet Programming? Explain briefly.

- (b) Write usage, syntax and examples of various looping controls available in Java. 6,7
8. (a) How do you define a class in JAVA? How do you create its instances and refer to them?
- (b) What is constructor? Can we overload a constructor? Explain with example. 6,7
9. Entire Question is compulsory :
- (i) Differentiate between
 and <P> tag.
 - (ii) Explain the use of heading tags.
 - (iii) What is URL?
 - (iv) Explain the way to add comments in CSS.
 - (v) Discuss the importance of final keyword, when used with a variable.
 - (vi) What is Java Virtual Machine?
 - (vii) What is bytecode ? 6×2+1=13