

(3 Hours)

[Total Marks : 80

- N.B. : (1) Question no. 1 is compulsory.
(2) Solve any **three** out of **remaining**.
(3) **Assume** suitable data wherever **necessary**.

1. (a) Differentiate between HTML and XML. 5
(b) Explain 3 tier architecture of web application 5
(c) Explain links in HTML 5
(d) Explain PHP string functions. 5
2. (a) Explain following HTML tags 10
(i) <form>
(ii) <table>
(iii) <iframe>
(iv) <doctype>
(b) Write the HTML program to display class timetable. 10
3. (a) Write JavaScript program to validate a form which accepts Name, Age, Email and Phone Number of a student. 10
(b) Explain control structures in PHP. 10
4. (a) Write an ASP.NET program to insert a new record in the database using C#. 10
(b) What is CSS? Explain the ways by which CSS is included in the web page. 10
5. (a) Explain any two built in objects in JavaScript. 10
(b) Write a JSP program to read the students data like roll number, name, email and marks from the database and display in tabular format on web page. 10
6. (a) What is session? Explain session handling in PHP. 10
(b) Explain web services. 5
(c) Write a JavaScript program to display today's date and time. 5