**Unit 1**

1. Explain stylesheet and its types.
2. Write a short note on list in html.
3. Explain CSS margins
4. Explain the <img> tag with its attributes.
5. Explain features of HTML5.
6. Explain positioning in CSS with example.
7. Differentiate between HTML and HTML5.
8. Describe heading elements in HTML.
9. Write a short note on external CSS.
10. How to set margins in CSS?
11. Define following CSS background properties with an example:

i)background-repeat

ii)background-color

iii)background-position

iv)background-image

1. Explain text formatting tags in HTML5.
2. Explain box model.
3. Elaborate the concept of HTML elements.
4. Explain the following tags :

i)< h1>

ii)<body>

iii)<p>

iv)<div>

1. Describe CSS selectors in detail.
2. How to insert multimedia file on webpage in HTML. Explain any one (audio or video).
3. What is the purpose of following properties:

i)font-size

ii)text-align

iii)border

iv)background-color

v)font-style

1. Explain tags of table in HTML5.
2. Write a code to design a table which demonstrates rowspan and colspan.
3. Write a code to design registration form.
4. Write a code to demonstrate orderlist and unorderlist.

**Unit 2**

1. Describe classification of events.

2. Differentiate between HTML and XML.

3. Explain XSL using example.

4. Write a short note on XML DTD.

5. What is Date Object? Explain its four methods with example.

6. Design a Javascript code to enter grade from user between ‘A’ to ‘F’, display appropriate message(Use switch-case statement).

7. Explain String Object along with it’s any four methods with example.

8. Write a short note on cookies.

9. What is XML? Discuss any four features of XML.

10. State how to create internal DTD with example.

11. Design a program to calculate a factorial of a given number using Javascript.

12. Describe following XSLT Elements along with example.

XSL:template

XSL:import

13. Design a javascript program to display fibonacci series for a given range.

14. What is Math Object? Explain its four methods with example.

15. Write a short note on manipulation using DOM.

16. Explain elements of XML.

17. Illustrate how to create external DTD with example.

18. Describe following XSLT Elements along with example:

apply-XSL:template

XSL:value-of

19. Explain the event handling in javascript with example.

20. Write a javascript to check password and confirm passwords are same or not.

21. State the use of increment and decrement operators javascript.

22. Explain Switch case statement

23. Explain cookie with creating, reading and deleting operations in javascript.

24. Write a program to append the new element to an existing element node in javascript.

**Unit 3**

1. How does ajax handle asynchronous data transfer?

2. List and explain any five PHP comparison operators.

3. Illustrate opening and closing of files.

4. How to change style in jQuery? Give example.

5. Explain following database handling function:

i)mysql\_select\_db()

ii)mysql\_query()

iii)mysql\_fetch\_array()

iv)mysql\_close()

v)mysql\_error

6. List methods for animation effects in jQuery. Explain any two methods with example.

7. Design a program to hide the text of lines in paragraph on the click event in the html file.

8. Explain arrays in PHP.

9. Describe steps to process ajax.

10. How do you declare arrays in PHP? Explain with the help of an example.

11. Write a short note on PHP functions on file.

12. Discuss jQuery methods for traversing.

13. Explain different selectors in jQuery.

14. Design a program to retrieve data from HTML forms.

15. Define jQuery. Give features of jQuery.

16. Elaborate use of sessions. Write a PHP code to start a session and set the session variable.

17. Explain ajax web application model.

18. Describe how to connect server to PHP? Explain with example.

19. Write a short note on PHP session.

20. Write a PHP code to hide the text of lines in paragraph on the click event in the html file.

21. Discuss variable declaration in PHP with example.

22. Explain any five arithmetic operators.

23. Discuss any five database handling functions in jQuery.

24. Explain any five comparison operators in PHP.