Subject: Web Programming

1. What is www? Explain shortly.

2. Explain client-server architecture.

3. Explain web design issues.

4. How to design effective navigation?

5. Write the role of cache and cookie in the browser.

6. Write a code and explain basic structure of HTML.

7. Explain various HTML tags with example.

8. What is CSS? What is the importance of CSS? List out the different ways to write CSS. 9. What do you mean by meta tags? Show how can following be achieved with the help of metadata? a. Stop the page from being listed.

       b. Set an expiration date.

       c. Stop the browser from caching a page

10. Explain DOM with example.

11. Explain Pseudo Class, Pseudo elements in CSS.

12. What is JS? In how many ways can we embed JS in our web page?

13. Explain pop up boxes in JS with example.

14. Explain event handling in JS with example.

15. How JS is used to deal with DOM? Explain with example.

16. Write down the full form of JSON, and explain its usages.

17. Explain call backs in JS.

18. Differentiate between client side scripting and server side scripting.

19. Write uses of PHP.

20. What is server side scripting?

21. Write use and example of $_RESPONSE and $_SESSION, $REQUEST, $PHP_SELF.

22. What is use of query string?

23. Explain any 2 date functions in PHP.

24. Write advantages and dis-advantages of Session.

25. Explain loops in PHP.

26. Explain switch case in PHP.

27. Write a PHP script for custom error handler.

28. Write a PHP script to generate result and grade of 5 different students.

29. Differentiate: Cookie and Session.

30. Explain file handling functions in PHP.

31. Explain types of MySQL table and storage engine.

32. Differentiate: Radio-button and Checkbox.

33. How to know how many rows affected in table?

34. Explain setcookie() function.

35. How to create connection and query it in PHP?

36. How to access data sent through GET and POST method?

37. How can we connect MySQL database from PHP script?

38. Write function of web server.

39. Explain $_POST method with suitable example.

40. What is PHP? How can you connect to database in PHP? Show the simple database operation using PHP with proper example.

41. Write PHP script to make sum of first 10 even numbers.

42. Write a web application code using PHP, HTML and MySQL for Employees that stores employee's id, name, department, designation, etc. in database. Create proper GUI including buttons that run separate .php file for each database operation like insert, delete, update etc.

43. What are web services? Explain role of SOAP in Web services.

44. Give a full form of following: (1) DTD (2) WAP (3) WML (4) SOAP

45. Develop XML file for book record and also write a DTD and XSL for it.

46. Design a form using HTML and JavaScript that asks the users to enter his date of birth and on clicking the calculate Button it calls the function that calculates how many days are left in your birthday?

47. What is HTML form tag? Discuss the different form attributes and design a simple form to register student including name, roll no., semester, email, mobile number, gender, hobbies, and feedback, and also create two buttons submit and reset.

48. Explain state management in PHP.

49. Differentiate between synchronous and asynchronous web programming.

50. How can we develop API in PHP?