WEB TECHNOLOGIES

UNIT WISE QUESTION BANK

UNIT-I

SHORT QUESTIONS:[2M]

1. Define Anchor tag with an example.

2. List the types of Style sheets.

3. Define image tag with an example.

4. Define Ordered list with an example.

5. Define Heading Tags with an example.

6. What is JavaScript? Write the advantages of JavaScript

7. What is the difference between GET and POST methods in JavaScript.

8. What is the scope of the variables in JavaScript.

9. Define Event. How events are handled in JavaScript.

10. What is DATE object in JavaScript.

LONG QUESTIONS: [10M]

1. a) Explain the structure of the HTML webpage with an example.

   b) Define List Tag with an example.

2. Define Frameset, Frame Tag. Divide the web page into four equal parts each individual part displays different web page.

3. Define Form tag. Design a Registration page by using all Form controls.

4. Define Table tag and their attributes with an example.

5. Explain about Cascading Style Sheets with an example.

6. Explain various operators and data types available in java script with examples.

7. a) What is the need of scripting languages in web Technologies.

   b) Build a JavaScript program to convert temperature from Celsius to Fahrenheit and vice versa.

8. a)Explain Document Object Model with suitable examples and code.

   b)Define Simple AJAX Application.

9. a) What is JavaScript? What are the features of JavaScript?

   b) Design A JavaScript to display whether given number is prime or not.

10. Explain about Function definition, Function calling, Function parameter, return type with a suitable example in JavaScript.

UNIT-II

SHORT QUESTIONS[2M]

1. Design a PHP program to print reverse of any number

2. Define PHP Function.

3. List various types of arrays supported by PHP. How to declare arrays in PHP.

4. What is the use of $ symbol in PHP, explain with an example.

5. Design a PHP code to swap any two numbers

6. List any two advantages of PHP.

7. Write the structure of PHP script with an example.

8. List various String Functions in PHP.

9. What are the data types supported by PHP.

10. What is the difference between JavaScript and PHP.

LONG QUESTIONS[10M]

1. Define an Array? Explain about the types of Arrays in PHP with an example.

2. Explain variables and operators with example in PHP

3. Explain the predefined and user defined functions in PHP with an example.

4. Explain database connectivity in PHP with reference to MYSQL.

5. a) Define Session and Cookies. Explain with an example program.

   b)List and explain the Control structures used in PHP.

6. How to read data from web form control like Check boxes explain with an example.

7. a) Design a PHP script for uploading a file to the server and display the uploaded files details.

    b) List and explain the string functions in PHP

8. What are the differences between Get and post methods in form submitting? Give the case where we can use get and we can use post methods

9. List the statements that are used to connect PHP with MySQL with an example.

10. a) How to read data from web form control like Text boxes explain with an example.

    b)Explain about Conditional Statements in PHP.

UNIT-III

SHORT QUESTIONS[2M]

1. Define XML? What are the advantages of XML.

2. Explain about the purpose of DTD.

3. Why are attributes used in XML.

4. Define DTD.

5. Define naming rules in XML.

6. Define XML Schema.

7. Distinguish between DTD and XSD.

8. Define SAX Parser.

9. Distinguish HTML and XHTML.

10. Define DOM

LONG QUESTIONS[10M]

1. How can both Internal and External DTDs be used in an XML File? Show with an Example

2. What is SAX? Write Advantages, Disadvantages and Features of SAX parser

3. Compare HTML and XML

4. Explain the procedure for validating the XML Documents

5. Explain about various types of XML Parsers

6. Define XHTML. What are the differences between XHTML and HTML with an example.

7. What is an XML DOM. How DOM parses the XML file.

8. Explain about External DTD and their categorization with examples.

9. Explain about XML Schema with an example.

10. a) List the advantages of XML Schemas over DTD s.

   b)Explain about Internal DTD's with an example.

UNIT-IV

SHORT QUESTIONS[2M]

1. How is Servlet different from an Applet.

2. Explain about Servlet API.

3. How to create a cookie using servlet

4. What is servlet?

5. What are the Difference between Generic Servlet and HTTPServlet?

6. Discuss about Http Request

7. What is Session?

8. Discuss about Http Responses

9. What are the different types of session tracking mechanism supported by Servlets?

10. Explain about Common gateway interface.

LONG QUESTIONS [10M]

1. Justify the Common Gateway Interface (CGI) with neat Diagram

2. What is Servlet? Explain about Servlet API

3. a)What are the advantages of Servlets over CGI.

b)Explain Life Cycle of a Servlet.

4. Explain about Lifecycle of a Servlet with neat diagram

5. a)Distinguish between CGI and Servlets

   b)Develop a Servlet that handles an HTTP POST request.

6. Develop a Servlet that handles an HTTP POST request.

7. What is JDBC.What are the various drivers of JDBC.

8. a)Distinguish between Get request and Post request type in Servlets.

   b)Discuss about Session tracking in Servlets with a suitable example.

9. What is JDBC? How to connecting to a database using JDBC

10. Demonstrate the use of Cookies in Servlets with an example.

UNIT-V

SHORT QUESTIONS[2M]:

1. Define JSP expression.

2.What are the directives in jsp with syntax?

3. What is the syntax of jsp?

4. Explain about Scriptlet Tag.

5. What are implicit objects in jsp?

6. Explain about the methods of getProperty() and setProperty().

7. What is jsp?

8. What are the Beans in jsp page.

9. What are the difference between JSP and HTML.

10. How are Cookies used for Session tracking in JSP.

LONG QUESTIONS[10M]:

1. Justify the differences between servlets and jsp.

2. Explain about the jsp processing.

3. Explain about the different methods used for Session tracking

4. Explain the components of jsp.

5. Discuss about the code snippets in detail.

6. Explain about the anatomy of jsp.

7. Explain about the getProperty() and setProperty() of beans in jsp.

8. Explain about the JSP directive Elements.Explain each of them in detail.

9. How does Jdbc allows to access database through java

10. Explain about the JDBC Drivers.