

UNIT 1 – 2 Marks

1. Define URI
2. State the use of web server logs and list the contents of a message log
3. How will you create a password field in a HTML form?
4. List any four common browsers
5. State the uses of internet protocol
6. List and explain any two HTML elements
7. State the functions of DNS and protocol used
8. Write HTML code to display an image.
9. Write HTML code to create the following table

w	x
y	z

10. List the different basic protocols used in internet.
11. Explain the ways in which a DNS server resolves addresses
12. List and explain the three flavors of HTML
13. List the two forms of URL and its uses
14. How XHTML is more advantages than HTML? Specify

UNIT 1 – Part B

1. Explain in detail the working of the following Internet Protocols.
 - i. TCP/IP
 - ii. HTTP
2. List and explain any four HTML elements in detail
3. State the types of lists supported by HTML and explain them in detail
4. List any two differences between HTML and XHTML with respect to elements. Also explain about the XHTML DTD.
5. Discuss on any four HTTP request methods.
6. Explain in detail the functions of a web server
7. Give the structure of HTTP request and response messages.
8. Explain the use of relative URL's with an example
9. Explain how tables can be inserted into a HTML document with an example.
10. Create a registration form for an educational website with e-learning resources. All form control should have appropriate name attributes. Use the GET method for form submission and specify an empty string for the action attribute.
11. Create a HTML document for a company home page and explain.
12. Explain the capabilities of web client and web server.
13. List and explain the steps involved in a web based client server communication.
14. Design a HTML FORM for validation the users with fields user name, password and ok button which should receive the input from the user and responses as authorized or invalid username or invalid password.
15. Explain FRAME and IFRAME tag and attributes.
16. Write the header format of request and response between Client/Server and explain it
17. Explain the various internet protocols used for the client server communication

UNIT 2 – 2 Marks

1. Mention the need for cascading style sheets
2. Give the syntax of a CSS rule.

3. List two forms of style rules with an examples
4. Explain array creation in Java script with example.
5. What is javascript? Give an example
6. List and explain any two java script built in objects.
7. List the ways of positioning an element within a browser window
8. Give example for inline style sheet.
9. List the different methods defined in document and window object of Javascript.
10. Give some advantages of using cascading style sheets.
11. State the types of java script statements with examples.
12. Write the java script to print "Good Day" using IF-ELSE condition.
13. How external style sheet is useful in web page design.

UNIT 2 – Part B

1. List and explain in detail the various selector strings
2. Explain the features of cascading style sheets.
3. State and explain the types of statements in Java script
4. Explain how functions can be written in Java script with an example.
5. Explain any eight CSS text properties.
6. Discuss javascript array object in detail.
7. Discuss about javascript debugging
8. Explain in detail CSS border and CSS outline.
9. Explain the CSS box model in detail.
10. Discuss Javascript objects in detail with suitable examples.
11. With a suitable example discuss about event propagation.
12. Discuss the properties of mouse events associated with DOM2 with an example.
13. Write a CSS which adds background images and indentation.
14. Explain external style sheet with an example.
15. Write Java script to find sum of first n even number and display the result. Get the value of n from user.
16. Write Java script to find factorial of a given number.
17. List and explain the various positioning schemes in detail.
18. Explain the java script array handling and array methods.
19. How elaborate the language history of JavaScript and its versions?
20. Describe the data types, functions and objects in JavaScript with an example.

UNIT 3 – 2 Marks

1. Explain in brief the interaction between a web server and a Servlet
2. List some HTML intrinsic attributes
3. Write code to return the full URL of a document.
4. How is session tracking achieved by URL rewriting
5. What is meant by intrinsic event handling
6. Explain the servlet API life cycle methods in brief.
7. List the types of event listeners in DOM2
8. What is a cookie

9. List and explain any four HTML intrinsic event attributes
10. What is meant by DHTML
11. Which parser is best in parsing large size documents? Why?
12. What is a servlet container? Specify its function.

UNIT 3 – Part B

1. Explain about the document tree in detail.
2. Explain DOM event handling in detail
3. Explain the servlet operation in detail with a sample servlet program
4. Explain in detail DOM event handling. Also explain with an example of creating a context menu. [Note: A context menu is one that is shown when the user right-clicks anywhere in document]
5. What is a session? Explain how client state is maintained using session and also explain about session tracking and session management using an example.
6. Explain in detail with an example the dynamic content generation by a servlet
7. With a simple example illustrate how the elements of the HTML document tree structure can be accessed using Javascript.
8. Discuss about the architecture and life cycle of a servlet
9. Write a servlet to illustrate the principles of cookies and explain.
10. Explain the purpose of following DOM methods and properties.
 - 1) get Element By Id
 - 2) create Element
 - 3) create Text Node
 - 4) append child
 - 5) parent Node
11. List and explain various types of documents nodes.
12. Explain in detail about event object and event listeners with an example.
13. Elaborate the DOM history and intrinsic levels in event handling-modifying element style.
14. Write the code for converting currencies to US dollar using java servlet.
15. Explain the following with an example.
 - 1) Cookies
 - 2) URL rewriting

UNIT 4 – 2 Marks

1. What is meant by a XML namespace
2. Explain in brief about Java scriptlet
3. How is XML parsing done with SAX?
4. What is the purpose of XSLT
5. What does XSLT mean
6. Give the advantages of using JSP for server side programming.
7. What is an XPath
8. Compare DOM and SAX in XML processing
9. Write two basic differences between JSP and servlet
10. State the use of servletcontext object.
11. What are the two methods used to sent a request to a server?

12. When the namespace is called in XML? Why?

UNIT 4 – Part B

1. List and explain the XML syntax rules in detail.
2. Explain how a XML document can be displayed on a browser.
3. State and explain the information in a JSP document in detail
4. Explain XPATH nodes in detail
5. Explain about the object that helps AJAX reload parts of a web page without reloading the whole page.
6. What is javaBeans component? How will you use the JSP language elements for accessing beans in your JSP pages?
7. Explain the role XML namespaces with examples.
8. Explain the features of XML path language.
9. Explain the model view controller architecture pattern in detail
10. Explain the use of java beans classes in JSP with examples.
11. Given an XSLT document and a source XML document explain the XSLT transformation process that produces a single result XML document.
12. Write a servlet program to display the waiting list status, given PNR number of a train.
Create a JSP to display the information at the client end.
13. Write XSLT code to display employee details in a table form which is stored in XML
14. Write a client server JSP program to find simple interest and display the result in the client.
15. Write about the JSP tag libraries.
16. Explain in detail about XSL.
17. Explain about DOM based XML processing.
18. Discuss AJAX architecture and compare it with DOM and SAX.
19. What languages are used to represent data in web? Explain any two of them.
20. Explain how XSLT transforms the document form one (Word) type to other type (HTML).

UNIT 5 – 2 Marks

1. What is meant by WSDL
2. Define serialization
3. List the basic concepts behind JAX-RPC technology
4. What is UDDI
5. List some examples of web services
6. State the use of WSDL
7. State the significance of WSDL document
8. Give an example of a web service registry and its function
9. What is the purpose of XML schema
10. Define the need for SOAP
11. Explain the term XML schema.
12. What is service end point interface in RPC?
13. Specify how UDDI is utilized in web service.

UNIT 5 – Part B

1. Explain in detail the XML schema, built in and user defined data type in detail
2. Explain JDBC database access in detail
3. Explain the SOAP elements in detail
4. Describe the significance and working of WSDL with an example.
5. Explain the creation of a java web service in detail with examples.
6. Explain the role of XML schema in building web services in detail
7. Explain the basic concept of RPC.
8. Briefly discuss how data types are represented in XML schema.
9. Briefly discuss how SOAP encodes struct data and arrays.
10. Illustrate the principles of WSDL, XML and SOAP and their interaction between them in web service applications.
11. Write a Java servlet to display net salary of employee, use JDBC connectivity to get employee details from data base.
12. Explain the following with suitable example
 - i. File databases
 - ii. WSDL structure and its elements
13. Create a web service in java environment to return the sum of two integers with necessary deployment procedure.