



VALLIAMMAI ENGINEERING COLLEGE  
SRM Nagar, Kattankulathur – 603203.



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Year & Semester : III / V  
Section : CSE - 1 & 2  
Subject Code : CS6501  
Subject Name : INTERNET PROGRAMMING  
Degree & Branch : B.E – C.S.E.  
Staff in charge : Ms.A.Vidhya & Ms.M.Priyadharshini

S.No	QUESTIONS	COMPETENCE	LEVEL
<b>UNIT -1</b>			
<b>PART-A</b>			
1.	<b>Differentiate</b> vector and array in Java.	Analyze	BTL4
2.	<b>Define</b> Multithreading Programming.	Remember	BTL1
3.	<b>Discuss</b> the role of exception handling	Understand	BTL2
4.	<b>List</b> the two ways of creating thread.	Remember	BTL1
5.	<b>Distinguish</b> between classes and objects.	Understand	BTL2
6.	How would you <b>classify</b> inheritance?	Apply	BTL3
7.	Is there any error in the given java statement? <b>Analyze:</b> char [] string = “abcdef”;	Analyze	BTL4
8.	<b>Access</b> what is static in java?	Evaluate	BTL5
9.	Can an abstract class in Java be instantiated? <b>Quote</b> the reason.	Remember	BTL1
10.	<b>Compare</b> between method overloading and overriding.	Evaluate	BTL5
11.	<b>List</b> the subclasses of the AWT Event class. .	Remember	BTL1
12.	<b>Rewrite</b> why do you need run() and start() method.	Create	BTL6
13.	<b>Name</b> some packages in java.	Remember	BTL1
14.	<b>Tell</b> about sleep() in multiple-threads.	Remember	BTL1
15.	An interface is similar to a class. <b>Examine</b> the reason.	Apply	BTL3

16.	<b>Give</b> syntax for inputstream and outputstream.	Understand	BTL2
17.	Can you <b>Classify</b> the life cycle of applet.	Apply	BTL3
18.	<b>Develop</b> a Code for Graphics method in Java to draw the String “Hello World” from the coordinates (100,200).	Create	BTL6
19.	<b>Point out</b> the difference between nested class and inner class in java.	Analyze	BTL4
20.	What do you <b>interpret</b> from threads?	Understand	BTL2
<b>PART-B</b>			
1	(i) <b>Explain</b> in detail about features and structures of java.(8) (ii) What are data types in java? <b>Explain</b> variables and array.(8)	Analyze	BTL4
2	(i) <b>Discuss</b> the different arithmetic operator.(8) (ii) <b>Discuss</b> about different control statement.(8)	Understand	BTL2
3	(i) <b>Develop</b> a programme for parameterized constructor.(8) (ii) <b>Develop</b> a programme for adding a method to a class object.(8)	Create	BTL6
4	(i) <b>Explain</b> arrays in java with example.(8) (ii) <b>Identify</b> why method overloading is not possible by changing the return type of method?(8)	Remember	BTL1
5	(i) <b>Illustrate</b> about method overriding with example.(8). (ii) <b>Classify</b> and compare inheritance with example.(8)	Apply	BTL3
6	(i) <b>Illustrate</b> about directory structure of java packages.(8) (ii) <b>Demonstrate</b> on creating package with an example .(8)	Apply	BTL3
7	(i) <b>Summarize</b> on abstract class.(4) (ii) <b>Explain</b> abstract class with example.(8)	Evaluate	BTL5
8	(i) <b>List</b> and discuss about the interfaces.(8) (ii) <b>Tabulate</b> the difference between non-static nested classes and static nested classes.(8)	Remember	BTL1
9	<b>Discuss</b> briefly the concept of Exception handling.(16)	Understand	BTL2
10	Write short notes on the <b>list</b> given below (i) Thread lifecycle.(8)	Remember	BTL1

	(ii) Example for a simple thread.(8)		
11	(i) <b>Describe</b> about application of java and illustrate the use of multithreading. Explain the same with sample input.(8) (ii)Describe about Synchronization in Java.(8)	Remember	BTL 1
12	(i) <b>Give</b> the java string class methods.(8) (ii) Write a programme in java using string class Method and <b>discuss</b> .(8)	Understand	BTL 2
13	(i)Where do streams come from? <b>Point out</b> the methods used in java.io.InputStream class.(8) (ii)Write a simple code segment and <b>Analyze</b> how to create ,write to, and retrieve the content of a ByteArrayOutputStream(8)	Analyze	BTL 4
14	<b>Explain</b> a programme to display a image using Applet.(16)	Analyze	BTL 4

**PART-A**

**2 MARK QUESTIONS**

1	<b>List</b> some of the collaboration tools.	Remember	BTL1
2	<b>Discuss</b> on what is RIA.	Understand	BTL2
3	<b>Point out</b> the difference between websites and web server..	Analyze	BTL4
4	<b>Explain</b> URL.	Evaluate	BTL5
5	<b>Create</b> the implementation structure for VPN.	Create	BTL6
6	<b>Assess</b> advantages of internet.	Evaluate	BTL5
7	<b>Classify</b> different table tag.	Apply	BTL3
8	<b>Show</b> the structure of HTML 5.	Apply	BTL3
9	<b>Predict</b> the benefits of intranet?	Understand	BTL2
10	<b>Discuss</b> Extranet.	Understand	BTL2
11	<b>List</b> any two font formatting tag.	Remember	BTL1
12	<b>Classify</b> the need for cascading style sheet.	Analyze	BTL4
13	<b>Prepare</b> a simple code using image map.	create	BTL6
14	<b>Show</b> the three parts of CSS syntax.	Apply	BTL3
15	<b>Name</b> the three ways of inserting a style sheet	Remember	BTL1
16	<b>Tabulate</b> the difference between internet and intranet.	Remember	BTL1

17	<b>List the</b> features of CSS?	Remember	BTL1
18	<b>Tell</b> about difference between HTML and XHTML.	Remember	BTL1
19	What do you <b>infer</b> from XHTML?	Analyze	BTL4
20	<b>Give</b> the list for different types of style sheet.	Understand	BTL2
<b>PART-B</b>			
1	(i) <b>Demonstrate</b> in detail about RIA.(8) ii) <b>Illustrate</b> on collaboration tools.(8)	Apply	BTL3
2	<b>Summarize</b> the overview of internet technologies.(8)	Evaluate	BTL5
3	(i) Compare and <b>Contrast</b> website and web server.(8) (ii) <b>Express</b> the information provided by URL. (8)	Understand	BTL2
4	(i) <b>Tell</b> about internet.(4) (ii) <b>List</b> the advantages and disadvantages of internet(12)	Remember	BTL1
5	(i) <b>Relate</b> Intranet with an example?(4) (ii) <b>Classify</b> the benefits and advantages of Intranet.(12)	Apply	BTL3
6	Write short notes on the <b>list</b> given below: (i) Internet(5) (ii) Intranet(5) (iii) Extranet(6)	Remember	BTL1
7	(i) <b>Generalize</b> the concept of Rich Internet application in detail.(8) (ii) <b>Prepare</b> the concept of Internet technology.(8)	Create	BTL6
8	(i) <b>Discuss</b> the basic structure of HTML5.(8) (ii) Write and <b>discuss</b> a programme in HTML using image tag, hyperlink tag, font tag(8)	Understand	BTL2
9	Write and <b>discuss</b> an HTML script which creates a web page which should display some of the egg. Colleges in tamilnadu in a tabular form with name,address and url of the web site of the college.A candidate should select the required department which is listed as items from a form.candidates selection should be consolidated and displayed finally.	Understand	BTL2
10	(i)State and <b>explain</b> any four HTML elements in detail.(8)	Analyze	BTL4

	(ii) <b>Explain</b> the way in which data can be presented in a tabular form using HTML.(8)		
11	(i) <b>Describe</b> the CSS box model in detail.(8) (ii) Create a webpage using background-image property <b>where</b> the code has to written in XHTML.(8)	Remember	BTL1
12	(i) <b>Point out</b> the various features of CSS with an Example.(8) (ii)Compare and <b>contrast</b> between embedded stylesheet and external style sheet.(8)	Analyze	BTL4
13	(i) <b>Describe</b> the core syntax of CSS with the help of some suitable example.(8) (ii) <b>List</b> and explain in detail the types of selector strings.(8)	Remember	BTL1
14	<b>Explain</b> the significance of XHTML with the help of a real time application. Write necessary code snippets.(16)	Analyze	BTL4
<b>UNIT -3</b>			
<b>PART-A</b>			
1	<b>Name</b> which parser is best in parsing in large size documents. Why?	Remember	BTL1
2	<b>List</b> benefits of using JavaScript code in an HTML document..	Remember	BTL1
3	<b>Analyze</b> on the statement.”Each object of a class has its own instance of static member variable.”	Analyze	BTL4
4	Write a java Script to print “Good Day” using IF-ELSE condition and <b>discuss</b> .	Understand	BTL2
5	<b>Define</b> JavaScript statement with an example.	Remember	BTL1
6	Can you <b>list</b> the different methods defined in document and window object of JavaScript.	Remember	BTL1
7	<b>Summarize</b> briefly about the interaction between a webserver and a servlet.	Evaluate	BTL5
8	<b>Give</b> the life cycle methods of servlets.	Understand	BTL2
9	<b>Predict</b> the need for client and server side scripting.	Understand	BTL2
10	<b>Create</b> and write the code to return the full URL of a Document.	Create	BTL6
11	<b>Show</b> how is session tracking is achieved by the URL rewriting?	Apply	BTL3

12	<b>Compare</b> get request type and post request type.	Analyze	BTL4
13	<b>Compare</b> Servletcontext and Servletconfig.	Evaluate	BTL5
14	<b>Show</b> the use of 'param' variable in JSP.	Apply	BTL3
15	<b>Tell</b> about JSTL	Remember	BTL1
16	<b>Analyze</b> about java scriptlet.	Analyze	BTL4
17	<b>Give</b> types of directive in JSP.	Understand	BTL2
18	<b>List</b> any three advantages of java servlet over JSP.	Remember	BTL1
19	<b>Develop</b> array creation in JavaScript with example.	Create	BTL6
20	<b>Show</b> the difference between JSP and servlet.	Apply	BTL3
<b>PART-B</b>			
1	(i) <b>Tell</b> about the difference in JavaScript & Java (6) (ii) <b>Examine</b> variables and data types in JavaScript.(6) (iii) <b>Describe</b> the concepts of Popup Boxes(4)	Understand	BTL1
2	(i) <b>Describe</b> how to implement conditional statements and loops in JavaScript(8) (ii) <b>Quote</b> a brief note on Array declaration in JavaScript.(8)	Remember	BTL1
3	(i) <b>Give</b> various Operators in JavaScript.(8) (iii) <b>Discuss</b> the concepts of Event Handling(8)	Remember	BTL2
4	<b>Summarize</b> about (i) DOM Model.(8) (ii) DOM2 Event Model (8)	Understand	BTL2
5	(i)Design and <b>Illustrate</b> a web page to create a clock with timing event(4) (ii) <b>Demonstrate</b> about validation .(8) (iii) <b>Examine</b> Radio button with example(4)	Apply	BTL3
6	(i) <b>Describe</b> a java script for displaying the context menu(8) (ii) <b>List</b> various control objects in form processing(8)	Remember	BTL1
7	(i) <b>Relate</b> a java script to display the welcome message using the alert whenever button of a html form is pressed(4) (ii) <b>Demonstrate</b> on DHTML with JavaScript(6) (iii) <b>Classify</b> moving elements. (6)	Apply	BTL3
8	<b>Analyze</b> about various JavaScript objects (16)	Analyze	BTL4
9	(i) <b>Integrate</b> how servlets work(8) (ii)Explain and <b>develop</b> the Servlet API.(8)	Create	BTL6

10	(i) <b>Deduce</b> an example to convert currencies to US Dollar(8) (ii) <b>Summarize</b> on Session handling (8)	Evaluate	BTL5
11	(i) <b>List</b> the basic concepts in JSP.(8) (ii) <b>Describe</b> about Servlet-Database Connectivity(8)	Remember	BTL1
12	(i) <b>Discuss</b> about JSTL.(8) (ii) <b>Summarize</b> a client server JSP program to find simple interest and display the result in client(8)	Understand	BTL2
13	<b>Explain</b> (i)Scriptlets(4) (ii)Implicit JSP Objects.(4) (iii)Expression.(4) (iv)Declarations.(4)	Analyze	BTL4
14	(i) <b>Explain</b> about the standard actions in JSP(8) (ii) <b>Analyze</b> MVC architecture of JSP(8)	Analyze	BTL4
<b>UNIT-4</b>			
<b>PART-A</b>			
1	What is Variable? <b>Identify</b> the variables are declared in PHP.	Remember	BTL1
2	<b>Show</b> the possible data types available in PHP.	Apply	BTL3
3	<b>Define</b> PHP. List the features.	Remember	BTL1
4	<b>Name</b> the XML syntax rules.	Remember	BTL1
5	<b>Give</b> the difference between singly and doubly quoted strings.	Understand	BTL2
6	<b>Quote</b> expression.	Remember	BTL1
7	<b>Classify</b> the difference between echo() & print() functions.	Apply	BTL3
8	<b>Point out</b> how comments are made in PHP.	Analyze	BTL4
9	<b>Analyze</b> about QueryString in PHP.	Analyze	BTL4
10	<b>Show</b> an example for XML namespace.	Apply	BTL3
11	<b>Tell</b> about XPATH and its advantage.	Remember	BTL1
12	<b>List</b> the XML syntax rules.	Remember	BTL1
13	<b>Assess</b> the data types in XML schema.	Evaluate	BTL5
14	<b>Evaluate</b> the process of displaying XML document in browser.	Evaluate	BTL5
15	How would you <b>prepare</b> the steps to get the RSS file on web?	Create	BTL6
16	<b>Summarize</b> about the need for Namespace in XML.	Understand	BTL2

17	Can you <b>discuss</b> the importance of RSS?	Understand	BTL2
18	<b>Analyze</b> on ATOM in RSS.	Analyze	BTL4
19	<b>Rewrite</b> the declaration for elements in XML.	Create	BTL6
20	<b>Distinguish</b> between DOM & SAX?	Understand	BTL2
<b>PART-B</b>			
1	(i) <b>Describe</b> about the introduction and installation of PHP.(8) (ii)What are variables in PHP <b>list out</b> .(8)	Remember	BTL1
2	(i) <b>Discuss</b> the data types in PHP.(8) (ii) <b>Interpret</b> scalar type conversion .(4) (iii) <b>Discuss</b> about the output document in PHP(4)	Understand	BTL2
3	(i) <b>Demonstrate</b> on Program control & Looping structure. (8) (ii) <b>Illustrate</b> Arrays in PHP.(8)	Apply	BTL3
4	(i) <b>Develop</b> an example based on built in functions.(8) (ii) <b>Formulate</b> the several forms of operators in PHP.(8)	Create	BTL6
5	(i) <b>Describe</b> in detail about database connectivity(8) (ii) <b>List</b> out the various activities involved in MYSQL and PHP connectivity.(8)	Remember	BTL1
6	<b>Identify</b> and explain about database connectivity illustrate PHP connectivity with any of the databases.(16)	Remember	BTL1
7	(i) <b>Discuss</b> on methods for using cookies (8) (ii) <b>Give</b> a note on regular expressions(8)	Understand	BTL2
8	<b>Explain</b> the basics of XML (16)	Evaluate	BTL5
9	(i) <b>Demonstrate</b> the building blocks of XML.(8) (ii) <b>Classify</b> the types of DTD	Apply	BTL3
10	(i)How do you <b>infer</b> the merits & demerits of DTD.(8) (ii) <b>Explain</b> about DOM and Presenting XML(8)	Analyze	BTL4
11	(i) <b>List</b> out data types & simple types of XML(8) (ii) <b>Explain</b> about the attributes of XML.(8)	Remember	BTL1
12	<b>Summarize</b> on the following (i) DOM based Parsing.(8) (ii) SAX based Parsing.(8)	Understand	BTL2
13	(i) <b>Compare and contrast</b> RSS & ATOM.(8) (ii) <b>Explain</b> in detail about XSL elements.(8)	Analyze	BTL4
14	<b>Explain</b> about (i)XSL and XSLT transformation(8) (ii)Comparison of DOM & SAX	Analyze	BTL4



<b>UNIT-5</b>			
<b>PART-A</b>			
1	<b>Tell</b> about XML parsing with SAX.	Remember	BTL1
2	<b>Give</b> the usage of UDDI in web service.	Understand	BTL2
3	<b>Define</b> XML DOM.	Remember	BTL1
4	<b>Express</b> the need of SOAP along with the definition.	Understand	BTL2
5	<b>Differentiate</b> DOM and SAX in XML processing.	Analyze	BTL4
6	What is XMLHttpRequest object? <b>List</b> its properties.	Remember	BTL1
7	<b>List</b> some examples of web services.	Remember	BTL1
8	<b>Express</b> the working of AJAX.	Understand	BTL2
9	Can you <b>develop</b> the service end point interface in RPC?	Apply	BTL6
10	<b>Give</b> the uses of WSDL along with its definition.	Understand	BTL2
11	<b>Compare</b> SOAP and HTTP.	Analyze	BTL4
12	<b>Summarize</b> the need for enhancing security in web services.	Evaluate	BTL5
13	<b>Name</b> the types of indicators along with the definition.	Remember	BTL1
14	<b>List</b> out the data types that are available in web services.	Remember	BTL1
15	<b>Discover</b> an example for web service registry along with its functions.	Apply	BTL3
16	<b>Analyze</b> the need for web service.	Analyze	BTL4
17	<b>Classify</b> the basic concepts behind JAX-RPC technology.	Apply	BTL3
18	Can you <b>illustrate</b> on Complex types?	Apply	BTL3
19	<b>Summarize</b> the steps for empty element.	Evaluate	BTL5
20	<b>Rewrite</b> the definition for UDDI.	Create	BTL6
<b>PART-B</b>			
1	(i) <b>Describe</b> in detail about the AJAX architecture(8). (ii) <b>List out</b> the call back methods.(8)	Remember	BTL1
2	(i) <b>Analyze</b> various concepts of RPC.(8) (ii) <b>Explain</b> the basic concepts behind JAX-RPC.(8)	Analyze	BTL4
3	(i)Narrate and <b>formulate</b> the installation of JWSDP(8) (ii) <b>Develop</b> the steps for web service client.(8)	Create	BTL6
4	<b>Explain</b> in detail about creating, publishing and testing of web services(16)	Understand	BTL2

5	(i) <b>Deduce</b> any two elements of WSDL.(8) (ii) <b>Explain</b> the steps for writing web service(8)	Evaluate	BTL5
6	(i) <b>Describe</b> briefly about the elements of WSDL(16)	Remember	BTL1
7	(i) <b>Summarize</b> on the structure of SOAP(8) (ii) <b>Describe</b> briefly about SOAP & HTTP.(8)	Understand	BTL2
8	(i) <b>Demonstrate</b> the building blocks of SOAP. (8). (ii) <b>Classify</b> the encoding of struct data and array.(8)	Apply	BTL3
9	(i) <b>Describe</b> the procedure for database driven web service.(16)	Remember	BTL1
10	<b>Illustrate</b> on web services for writing web service client along with the description of WSDL(16)	Apply	BTL3
11	(i) <b>List out</b> the installation steps of JWSDP.(8) (ii) <b>Describe</b> on Simple Object Access Protocol.(8)	Remember	BTL1
12	(i) <b>Discuss</b> the XMLHttpRequest Object with example.(8) (ii) <b>Describe</b> about java web service basics.(8)	Understand	BTL2
13	(i) <b>Explain</b> in detail about SOAP encoding.(8) (ii) <b>Point out</b> the RPC representation model.(8)	Analyze	BTL4
14	<b>Analyze</b> the various steps in database driven web service with some example.(16)	Analyze	BTL4