	<u> Unit – III</u>
1	Explain about TCP Socket with simple example?
2	What is the InetAddress class in Java? How can it be used to get
	the IP address of a hostname?
3	Describe the URL class in Java. What are its main components?
4	Compare TCP and UDP sockets in Java. What are the key
_	differences between them?
_	Explain the following methods bind(), rebind(),
5	createSubcontext(), getAttributes(),modifyAttributes() methods
	with syntax.
	UNIT – IV
1	What are Java applets, and how are they different from regular
	Java applications? Describe the life cycle of an applet.  Describe how to add sound to a Java applet. What steps are
	involved in loading and playing sound? and
2	How can you add images to a Java applet? Explain the steps and
	provide a simple code example.
	Explain event handling in Java applets. What classes and
3	interfaces are involved? Give an example of handling a mouse
	click.
4	What is the Abstract Window Toolkit (AWT)? How does it help
4	create graphical user interfaces in Java?
5	What are layout managers in AWT? Why are they important?
3	Describe different types with examples.
6	What is the life cycle of a servlet? What methods are used during
	this life cycle? Provide a simple servlet example
7	What are the differences between HttpServlet and GenericServlet?
	UNIT-V
1	What is XML? Explain its purpose and how it is used to store and
	transport data. Provide examples of XML documents.
2	Describe form navigation in XML. How can XML be used to
2	manage user input in web forms? Give an example.
3	Design an XML schema for hospital information management.
4	What is XSL? Describe its role in transforming XML documents into different formats. Provide an example of an XSL stylesheet.
	Differentiate between XML and XSL?
5	Differentiate between AML and ASL:
	What are web services? Discuss their importance in modern web
6	applications and how they enable communication between
	different systems.
	What is UDDI? Explain its role in web services and how it helps
7	in service discovery. And
	What is WSDL? Describe its purpose in defining web services
8	Discuss Java web services. How can Java be used to create and
U	consume web services? Provide a simple example.

1.	What does TCP stand for?
	a) Transmission Control Protocol b) Transfer Control Protocol
	c) Transport Communication Protocol d) Transfer Connection Protocol
2.	What does RMI allow in Java applications?
	a) Local method calls b) Remote method invocation
	c) Network security d) Database connections
3.	What is used to maintain session information in servlets?
	a) Cookies b) Parameters c) Annotations d) HTML
4.	In JSP, the scriptlet is enclosed within tags.
	a) <script> b) <% %> c) <jsp:script> d) <java:code></th></tr><tr><th>5.</th><th>Which of the following protocols is commonly used for exchanging information in web services?</th></tr><tr><th></th><th>a) SMTP b) FTP c) HTTP d) TCP</th></tr><tr><th>6</th><th>Which method of the URL class retrieves the protocol used by the URL?</th></tr><tr><th></th><th>a) getHost() b) getProtocol() c) getPath() d) getFile()</th></tr><tr><th>7.</th><th>Which method in a servlet is called to process a POST request</th></tr><tr><th></th><th>a)doGet() b) doPost() c) service() d)init()</th></tr><tr><th>8.</th><th>Which AWT component is used to create a button</th></tr><tr><th></th><th>a) Label b) TextField c) Button d)Canvas</th></tr><tr><th>9.</th><th>What does XML stand for?</th></tr><tr><th></th><th>a) Extensible Markup Language b) Extra Markup Language</th></tr><tr><th>10</th><th>c) Extensive Markup Language d) Execute Markup Language</th></tr><tr><th>10.</th><th>WSDL documents are written in format.</th></tr><tr><th>4.4</th><th>a) HTML b) XML c) JSON d) CSV</th></tr><tr><th>11</th><th>Which class in Java is used to create a UDP socket</th></tr><tr><th>12</th><th>a) Socket b) DatagramSocket c) ServerSocket d) SocketChannel</th></tr><tr><th>12</th><th>What is the first method called in the life cycle of a Java applet?  a) start() b) init() c) stop() d) destroy()</th></tr><tr><th>13</th><th>Which method is used to load images in a Java applet?</th></tr><tr><th>15</th><th>a) getImage() b) loadImage() c) addImage() d) drawImage()</th></tr><tr><th>14</th><th>Which of the following is NOT a valid XML document?</th></tr><tr><th></th><th>a) <note><to>Tove</to></note> b) <note><to>Tove</note></th></tr><tr><th></th><th>c) <note><to>Tove</to></note> d) <note></th></tr><tr><th>15</th><th>What is the default behavior of a DatagramSocket when created.</th></tr><tr><th></th><th>a) It connects automatically to a server</th></tr><tr><th></th><th>b) Transfer Control Protocol It binds to a specific local port</th></tr><tr><th></th><th>c) It listens for incoming TCP connections.</th></tr><tr><th></th><th>d) It requires a connection before sending data</th></tr><tr><th>16</th><th>Which method is NOT part of the servlet life cycle?</th></tr><tr><th></th><th>a) init() b) service() c) destroy() d) process()</th></tr><tr><th>17</th><th>What is used to maintain session information in servlets?</th></tr><tr><th></th><th>a) Cookies b) Parameters c) Annotations d) HTML</th></tr><tr><th>18</th><th>In the context of web services, what does WSDL stand for?</th></tr><tr><th></th><th>a) Web Services Description Language</th></tr><tr><th></th><th><ul><li>b) Web Service Data Language</li><li>c) Web Standard Description Language</li></ul></th></tr><tr><th></th><th>c) web building Description Language</th></tr></tbody></table></script>

	d) Web Service Definition Language
19	What class is used to represent an IP address in Java?
	a) URL b) InetAddress
	c) Socket d) Network
20	In a JavaBean, properties must be accessed through
	A) Direct access B) Getter and setter methods
	C) Public variables D) Reflection
21	Which of the following is a valid way to create an instance of an AWT Frame?
	A) new Frame() B) new JFrame()
	C) new Window()  D) new AWTFrame()
22	What does UDDI stand for in the context of web services?
	A) Universal Data Description Interface
	B) Universal Directory for Data Interchange
	C) Universal Description, Discovery, and Integration
	D) Unified Data Definition Interface

1	sockets are used for sending data without establishing a connection.
2.	To handle database results in JDBC, the interface is used.
3.	The class is used for server-side communication in a TCP/IP network.
4	URL stands for
5.	To add sound to an applet, you typically use the class.
6	The main method for drawing graphics in a Java applet is the method.
7.	XSL consists of two parts: XSLT and
8	An XML document must be well-formed, meaning it must have a and properly nested tags.
9.	A web resource can be any resource accessible via the protocol.
10.	The class used to handle URLs in Java is called
11	Theclass is used for server-side communication in a TCP/IP network
12	The method used to retrieve a parameter sent from an HTML form in a servlet is
13	To maintain state across multiple requests in a servlet, you can use
14	A is a collection of web services that provide information about their
17	functionality and how to use them.
15	The method is used in web services to send messages between clients and
15	servers.
16	The method is used in web services to send messages between clients and
	Servers.
17	In a WSDL file, the such as a craft TD
18.	such as or HTTP.  The primary purpose of is to style and format XML documents for display.
19	The manager allows you to arrange components in a specific order, such as a
	grid or a border.
20	The service registry allows businesses to publish and discover web services
21	In Java,allows objects to communicate between different JVMs, typically
	over a network.
22	In an applet, the method is called when the applet is no longer visible.