

	<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?
5	Explain the following methods bind(), rebind(), 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.
2	Describe how to add sound to a Java applet. What steps are involved in loading and playing sound? and How can you add images to a Java applet? Explain the steps and provide a simple code example.
3	Explain event handling in Java applets. What classes and interfaces are involved? Give an example of handling a mouse click.
4	What is the Abstract Window Toolkit (AWT)? How does it help create graphical user interfaces in Java?
5	What are layout managers in AWT? Why are they important? 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 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.
5	Differentiate between XML and XSL?
6	What are web services? Discuss their importance in modern web applications and how they enable communication between different systems.
7	What is UDDI? Explain its role in web services and how it helps 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 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>
5.	Which of the following protocols is commonly used for exchanging information in web services?
	a) SMTP b) FTP c) HTTP d) TCP
6.	Which method of the URL class retrieves the protocol used by the URL?
	a) getHost() b) getProtocol() c) getPath() d) getFile()
7.	Which method in a servlet is called to process a POST request
	a) doGet() b) doPost() c) service() d) init()
8.	Which AWT component is used to create a button
	a) Label b) TextField c) Button d) Canvas
9.	What does XML stand for?
	a) Extensible Markup Language b) Extra Markup Language c) Extensive Markup Language d) Execute Markup Language
10.	WSDL documents are written in _____ format.
	a) HTML b) XML c) JSON d) CSV
11.	Which class in Java is used to create a UDP socket
	a) Socket b) DatagramSocket c) ServerSocket d) SocketChannel
12.	What is the first method called in the life cycle of a Java applet?
	a) start() b) init() c) stop() d) destroy()
13.	Which method is used to load images in a Java applet?
	a) getImage() b) loadImage() c) addImage() d) drawImage()
14.	Which of the following is NOT a valid XML document?
	a) <note><to>Tove</to></note> b) <note><to>Tove<to></note> c) <note><to>Tove</to></note> d) <note></note>
15.	What is the default behavior of a DatagramSocket when created.
	a) It connects automatically to a server b) Transfer Control Protocol It binds to a specific local port c) It listens for incoming TCP connections. d) It requires a connection before sending data
16.	Which method is NOT part of the servlet life cycle?
	a) init() b) service() c) destroy() d) process()
17.	What is used to maintain session information in servlets?
	a) Cookies b) Parameters c) Annotations d) HTML
18.	In the context of web services, what does WSDL stand for?
	a) Web Services Description Language b) Web Service Data Language c) Web Standard Description Language

23	The _____ class in Java provides methods to handle user input from a keyboard.
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