

## **Important Long Answer question for End Examination.**

### **Unit-I**

1. What is JavaScript? Explain the features of JavaScript?
2. Explain client side and server side scripting and differences among them?
3. Explain different built-in objects of JavaScript?
4. Explain different control structures available in java?
5. Explain different types of operators available in JavaScript
6. Explain the primitive data types in JavaScript?
7. Write a JavaScript program to demonstrate whether the given number is prime or not.(using functions).
8. What is CSS? Explain different ways to apply styles to HTML document

### **Unit-II**

1. Explain java Buzz words (or) features of java
2. Explain different operators available in java programming language
3. Explain different control structures available in java?
4. a) What is multithreading in java. Explain different ways to create a thread object and explain the difference between them.  
b) write a java program to create multiple threads in a program and each thread performs must perform different task
5. what are thread priorities? explain how to set priority to thread.
6. What is an Exception? Explain how exception handling is done in java.
7. Write the process to create user-defined Exception along with demonstrating example.
8. What is package? Explain different types of packages. List out advantages in using packages.

### **Unit-III**

1. a) Explain different types of JDBC drivers.  
b) Write the steps needed to connect to the database in java.
2. Write a JDBC program to execute DML(delete, update, insert), retrieve queries

within database with respect to employee database

3. What are properties of java beans?
4. What are advantages of java beans.
5. **What is purpose of DriverManager class? explain some of the methods.**
6. write the steps to implement RMI application.

#### **Unit-IV**

1. What is Applet? Explain the life cycle of applet.
2. What is servlet? Explain the life cycle of servlet.
3. What event in AWT? Write a java program for handling Mouse Events
4. Explain different layout managers in awt?
5. What is session tracking? Explain session tracking using cookies with a demonstrating program.
6. Explain the elements of JSP?

#### **Unit-V**

1. What is XML? List out the features of XML
2. What is well-formedness of XML document.
3. What is DTD? Explain its importance in checking validity of XML document.
4. write about XML elements and its attributes.
5. write short notes with regard to web service
  - a. **UDDI**
  - b. **WSDL**

#### **Important short Answer questions for End Examination.**

1. What is the scope of local & global in java Script?
2. Write about JavaScript functions and their advantages?
3. Explain about client side scripting languages.
4. List out some of the HTML 5 tags **(check from posted Notes)**

#### **Unit-II**

1. What is difference between thread and process.
2. What is anonymous inner class.
3. What is importance of “super” in java.
4. What are checked and unchecked exceptions.
5. What is the importance of interface in java.
6. Mention the types of inheritance in java.
7. Explain the importance of *inetAddress* and *URL* class in java
8. List out the advantages of java multithreading.

### Unit-III

1. What are security issues of applet. ? **(check from notes)**
2. What are benefits of java Beans. **(check from notes)**
3. What are benefits of PreparedStatement over Statement in JDBC

### Unit-IV

1. Explain jsp processing?**(check from notes)**
2. What is difference between servlet and JSP.
3. Difference between HTTPServlet and GenericServlet.
4. Difference between get and post in servlet
5. Explain about scripting elements of JSP
6. What are cookies. List out advantages & disadvantages of cookies.
7. Write about JSP include directive and its **advantages**
8. Write about JSP implicit objects(**Check from notes**)

### Unit-V

1. Differentiate between well-formed and valid XML?
2. Differences between DTD and XML Schema.
3. What is DTD?
4. What XSLT? What are its advantages
5. What are web services?