

PART – A

(20 x 2 = 40 MARKS)

ANSWER ALL QUESTIONS

1. What are the benefits of OOP over procedure oriented programming.
2. Name any three rules in defining the identifiers.
3. Discuss the use of 'this' keyword.
4. What is meant by garbage collection?
5. Define constructor with its syntax.
6. List the usage of 'final' keyword.
7. Define packages with its syntax.
8. Write down the syntax for defining an Interface.
9. Define Method overriding.
10. What are the special string operations?
11. Name some of the built-in exceptions.
12. How do you initialize the multiple catch statements?
13. What are the I/O streams?
14. Define serialization
15. What are the attributes available in Form tag in HTML?
16. What are the advantages of Delegation event model?
17. Name the legacy classes defined in java.
18. In what ways that string tokenizer behaves.
19. Give the usage of Bit set.
20. Name the methods in testing the application.

PART – B

(5 x 12 = 60 MARKS)

ANSWER ANY FIVE QUESTIONS

21. a) Write a java program to calculate compound interest 6  
b) With suitable illustration describe different types of literals in java 6
22. a) Write a java program for matrix multiplication using arrays 8  
b) Discuss java exception handling key words with example 4
23. a) Write a Jscript to demonstrate date and time methods of the date object 8  
b) Distinguish any six differences between structured oriented Programming and Objected Oriented Programming. 4
24. Write a java program to implement the HTML tag in designing the web page containing the details of Username, Password, Age, place, DOB, Address with the AWT kit.
25. a) What is role of the data sink streams in the java I/O libraries? Provide two 6  
examples of data sink streams that are found in the Java I/O libraries.  
b) Illustrate how components and containers are assembled into applets. 6
26. a) Write a Java program to print table using Buffered Reader & Buffered writer. 8  
b) Discuss any two applet security restrictions 4
27. Write a java program to create window. When you press G or g key the window displays good morning. When we press N or n key it displays good after noon. When we press bye or BYE key it display good evening.
28. Build and test a java based application for hospital management system considering atleast any six diseases as parameters.

\*\*\*\*\*THE END\*\*\*\*\*