



CLASS	SUBJECT	MODULE / ASSIGNMENT
X	COMP	<ol style="list-style-type: none"> 1. Why is Java often termed as a platform? 2. What is a bytecode? 3. What do you understand by JVM? 4. What is JDK (Java Development Kit)? 5. What are Java APIs? 6. Write the five characteristics of Java/BlueJ? 7. What do you know about BlueJ? 8. The two types of Java programs/applications are? [2007] 9. State the differences between Syntax errors and Run time errors. 10. "Object is an instance of a class", explain 11. Differentiate between Compiler and Interpreter. 12. Java uses compiler as well as interpreter, explain. 13. Differentiate between Source code and Byte code. 14. Differentiate between Testing and Debugging. 15. What is an Object? 16. What are the features/concepts in OOP's? Name any two OOP'S principles. 17. Explain all the Concepts of OOP's? 18. What is Class? How Object is related to the Class? 19. What is an abstraction? 20. What is inheritance and how it is useful in Java. 21. What is Data hiding? 22. What are keywords? can keywords be used as a identifiers? 23. What is an identifier? What is the identifier formatting rule of Java? OR What are the rules for naming a variable? 24. What are literals? How many types of integer literals are available in Java? 25. What is a 'Data Type'? 26. What is primitive data type? Name its different types. 27. State the two kind on data types? 28. Write down the names of three primitive and three non-primitive/reference data types in Java/BlueJ. 29. How many bytes occupied by the following data types: byte, short, int, long, float, double, char, boolean. 30. What is Token? What are the tokens available in Java? 31. What do you mean by variables? 32. What do you mean by variables? What do you mean by dynamic initialization of a variable? 33. What is the function of an operator? 34. What do you mean by operator and write the name of all operators. 35. What are arithmetic operators? 36. Write major difference between the unary and binary operators? 37. What is increment operator? What are postfix and prefix increment operators? 38. What do you mean by Relational Operators. 39. What is Logical operators? 40. What do you mean by Assignment Statement or Assignment Operator? 41. What is the purpose of new operator? [2006] 42. What do you mean by precedence? Illustrate with the help of example. 43. What are operands? 44. What do you mean by constant? How you declare a variable as constant variables. 45. Which class is used for using different mathematical function in Java program? [2007]

46. What do you mean by type conversion? What is the difference between implicit and explicit type conversion explain with example.
47. What is coercion?
48. What do you mean by type casting? What is the type cast operator?
49. Explain the methods print() and println()?
50. What is an Expression?
51. Mention two different styles of expressing a comment in a program. [2005]
52. Differentiate between operator and expression. [2005]
53. What is a compound Statement? Give an Example. [2005]
54. What is a statement?
55. What are the three constructs that govern statement flow?
56. What is a selection/conditional statement? Which selection statements does Java provides?
57. What is an 'if' statement? Explain with an example.
58. What is the significance of a test-condition in a if statement?
59. Write one advantage and one disadvantage of using ?: in place of an if.
60. What do you understand by nested 'if' statements?OR
61. What is a switch statement? How is a switch statement executed?
62. What is the significance of break statement in a switch statement?
63. What is a control variable in a switch case?
64. What is a "fall through"?
65. What is the effect of absence of break in a switch statement?
66. Write one limitation and one advantage of switch statement?
67. What are iteration statements? Name the iteration statements provided by Java?
68. What is the difference between entry controlled and exit controlled loop? or
69. Explain the difference between break and continue with an example.
70. Explain the term for loop with an example. [2005]
71. State one similarity and one difference between while and do-while loop.
72. What do you meant by an infinite loop? Give an example. || What do you meant by an endless loop? Give an
73. Differentiate Null loop and Infinite loop.
74. What do you mean by delay loop?

Rakshmi

DIRECTOR ACADEMICS