

INDIAN SCHOOL AL WADI AL KABIR

Final Examination, 2022-2023

Computer Science

Class: IX

14/02/2023

Max.Marks: 25

Time: 60 Mins

SECTION A

I. FILL IN THE BLANKS:

(8 x ½ =4marks)

1. A _____ is machine instruction that the Java compiler generates and Java interpreter executes.
2. RAD stands for_____
3. A _____ is displayed directly below the title bar and includes a lot of options. Each option on it has a drop-down list of items that help you to perform various tasks.
4. _____ and _____ are the two programming constructs available in Java.
5. _____ defines the title of the application.
6. _____ operators are those operators which connect expressions.
7. The core program or text which is written in a language like C, C++ or Java is called _____.
8. _____ operators require two operands in java expressions.

II. STATE TRUE OR FALSE

(5 x 1 =5 marks)

1. != is an equality operator.
2. In Sequential construct, the statements are executed one by one.
3. Selection statements are executed based upon the test condition.
4. A setText() method stores or changes text in a text based GUI component.
5. In if...else statement, if and else statement should be terminated with semicolon.

III. MATCH THE FOLLOWING:

(5 x 1=5 marks)

- | | |
|--------------------------------|---|
| 1 Byte.parseByte(String s) | a To convert a string values into a Long type value |
| 2 Integer.parseInt(String s) | b To convert a string values into Float type value |
| 3 Float.parseFloat(String s) | c To convert a string values into a Double type value |
| 4 Double.parseDouble(String s) | d To convert a string values into an Integer type value |
| 5 Long.parseLong(String s) | e To convert a string values into a byte type value |

SECTION B

IV. ANSWER THE FOLLOWING (Answer any 5 questions only)

(5 x 1=5 marks)

1. What is a Tool Bar?
2. What are the different data types available in Java?
3. Define: Java Byte Code.
4. Define parse() method with example.
5. What are the features of Net Beans Java Net Beans?
6. What are tokens? Name the different types of Token.
7. Name any 4 controls in a palette.
8. What are selection constructs? Give the syntax of simple if and if...else statements.
9. What is an Identifier? Write any 2 rules for naming an identifier?
10. What is the use of controls?

V. WRITE THE CODE FOR THE FOLLOWING PROGRAM (Answer any 3 questions only)

(3 X 2= 6 Marks)

1. Design a Java frame to find area & perimeter of circle.
2. Design Java frame to display the details of a Flight (Flight Code, Airways Name, Source, Destination) in a Text Area when the user is clicking on **Show Flight Details** button.
3. Design Java frame to check the eligibility to vote using if Statement.
4. Design a Java frame to add two numbers by getting the values from the two Text Fields and display the result in the label on clicking **Sum** button.
5. Design Java frame to merge the details of two Text Fields and display into another label when the user is clicking on **Merge** button.
6. Design a Java frame to find odd or even number using if else statement.

*******ALL THE VERY BEST*******