GLS UNIVERSITY

BCA SEM IV

0301401 CORE JAVA

UNIT -1 THEORY ASSIGNMENT
ASSIGNMENT DATE: 22nd July, 2022

Q.1   Fill in the Blanks -

1. Java is _____ Oriented Programming Language.

2. _____ is a collection of similar objects.

3. _____is an instance of class.

4. _____ is a wrapping of data in single unit.

5. _____ is a hiding the implementation details and showing only functionality to the user.

6. _____ is a founder of java.

7. In 1995, _____ was renamed as "Java" .

8. JVM stands for_____

9. JRE stands for_____.

10. JDK stands for_____.

11. _____ data types are the basic blocks of any programming language.

12. _____are predefined identifiers meant for specific purpose.

13. Java main method is of_____type. (static/non-static)

14. Java classes are compiled into_____code.

15. _____is extension for java run file.

16. To compile java file_____is used.

17. There are_____types of Type casting in java.

18. next() method Scanner class is _____ type of method.(static/instance)

19. Scanner class is available in _____package.

20. JOptionPane class is available in _____ package.

21. A variable which is declared inside the method is called _____ variable.

Q.2   True False -

1. Java is both compiled and interpreted language.

2. Java supports pointers.

3. Message dialog box is used for taking input from user.

4. Java code can be run in any platform.

5. Scanner class provide the GUI based input output facility.

6. Widening conversion is also know as automatic conversion.

7. The size of int data type in Java is 4bytes.

8. String is a class in Java.

9. nextInt() method of scanner class is instance method.

10. By default java.lang package is imported by JVM.

11. Java is a high level programming language.

12. System and String class are availabe in java.lang package.

Q.3 **Answer the following in brief-**

1. List out the features of java. Explain in detail.

2. Explain the Java Programming Structure.

3. Which data types are available in java?

4. Explain the keyword static in java.

5. Explain the architecture of java program.

6. What is scanner class. Explain all the methods of scanner class.

7. Explain scope of variables in java.

8. Differentiate between JAVA and C++

9. List the name of classes available java.lang package.

10. Explan various operators supported in Java.

Q.4 **Write short note on following -**

1. JVM

2. Type conversion

3. JRE

4. Principles of Object Oriented Language

5. Garbage Collector

NOTE - Q1 , Q2 and Q-4 are coumplsory for all. You have to attempt Q-3 in following sequence.

Roll Number	Questions
A1 to A20, B1 to B20, C1 to C20	1,10,3,5,7
A21 to A40, B21 to B40, C21 to C40	2,9,3,7,9
A41 to A60, B41 to B60, C41 to C60	3,8,5,7,10
A61 to A80, B61 to B80, C61 TO C80	4,7,10,5,6
A81 Onwards, B81 Onwards,C81 Onwards	5,6,1,2,9