Pre Assessment - Java

Q1. Which of these method of class String is used to compare two String objects for their equality?

a) equals()

b) Equals()

c) isequal()

d) Isequal()

Ans- a

Q2. Which of this keyword must be used to inherit a class?

a) Super

b) this

c) extent

d) extends

Ans-d

Q4. What will happen if we try to serialize primitive types in java?

a).They will get serialized

b).compilation error

c).SerializableNotPossibleException

d).NotSerializableException

Ans-c

Q5. What will happen if two thread of the same priority are called to be processed simultaneously?

a) Anyone will be executed first lexographically

b) Both of them will be executed simultaneously

c) None of them will be executed

d) It is dependent on the operating system

Ans-d

Q6. Which of the following is advantage of using PreparedStatement in Java?
A) Slow performance

b) Encourages SQL injection

c) Prevents SQL injection

d) More memory usage

Ans-a

Q7. Which of the following is correct about LogManager object?

a). The LogManager object manages the logging framework

b). It is responsible for reading the initial configuration parameters from a system-wide configuration file or a configuration class.

c). Both of the above.correct

d). None of the above.

Ans: c

Q8. Question 1- What will be the output of this program - class MultidimensionalArray { public static void main(String[] args) { int[ ][ ] a = { {1, 2, 3}, {4, 5, 6, 9}, {7}, }; System.out.print(a[0].length); System.out.print(a[1].length); System.out.print(a[2].length); } }

a) 3 4 1

b) 4 7 8

c) 1 3 1

d) 3 1 4

Q9. What is the output of this program? class Output { public static void main(String args[]) { StringBuffer c = new StringBuffer(""Hello""); c.delete(0,2); System.out.println(c); } }

 a) He

b) Hel

c) lo

d) llo

 Ans-d

Q9. What will be the output of the following program class A { int i; } class B extends A { int j; void display() { super.i = j + 1; System.out.println(j + "" "" + i); } } class inheritance { public static void main(String args[ ]) { B obj = new B(); obj.i=1; obj.j=2; obj.display(); } }

 a) 2 2

b) 3 2

c) 2 3

 d) 3 3

Ans-a

Q10. Generics in java or object orientation is

a) Is a template

b) Is to solve the problem of data type

 c) It is one way of computation

 d) 1 and 2 are correct

Ans-d

Q11. Which of the following is not an OOPs concept

a) Encapsulation b) Polymorphism c) Exception d) Abstraction

Ans-c

Q12. Which of the following is not an access modifier in Java

a) public

b) private

c) default

d) protecting

Ans-d

Q13. Can you extend multiple class in Java

a) Yes b) No

Ans-b

Q14. How many catch blocks can be used after a single try blocks

a) 1

b) 2

c) as many as needed

d) 1024

Ans-a

Q15. What is Polymorphism, explain with an example.

Ans-polymorphism means perform single action in different ways.

Example-mobile power button.

Q16. Coding problem Make a simple calculator using switch case and loop The calculator should be able to perform simple operations line add, subtract, multiply and divide An additional aspect could be added to the calculator 1.