Fpt Software	**FRESHER ACADEMY** **Java Quiz 5 Option 1**	
	Testing date:…… Allowed time: 30' **Account:** …… **Birth date:** ……	**Testing score (/10):……**

Testing notes

• You are not allowed to use mobile or other communicating devices during the test • This is book-closed testing. You are not allowed to use any reference while doing the test. • Select one answer for each question. Don't answer or note on the question book. • Fill your answers into the Answer sheet.

Testing questions & answers

#	Question & Answer Group	ANS
1.	Types of variables in java include? A. local variable B. instance variable C. static variable D. All of the above	D

2.	What is the output of these statements?
	class OperatorExample {
	public static void main(String args[]) {
	int a = 10;
	int b = 20;
	a += 4;
	b -= 4;
	System.out.println(a);
	System.out.println(b);
	}
	}
	A. 4 and 4
	B. 14 and 4
	C. 14 and 16
	D. 14 and 24
		C

3.	What is the output of these statements?
	class Animal {
	Animal() {
	System.out.print("Animal is created. ");
	}
	}
	class Dog extends Animal {
	Dog() {
	System.out.print("Dog is created. ");
	}
	}
	class TestSuper4 {
	public static void main(String args[]) {
	Dog d = new Dog();
	}
	}
	A. Animal is created.Dog is created.
	B. Dog is created.Animal is created.
		A

	C. Animal is created.Animal is created. D. Dog is created.Dog is created.	
4.	Rules for Java Method Overriding: A. method must have same name as in the parent class B. method must have same parameter as in the parent class. C. method must have same parameter as in the parent class. D. All of the above	D
5.	Which of the following opinion is TRUE? A. interface can extend another interface B. interface cannot extends another interface C. interface can extends class D. None of the above	A
6.	Abstract class: A. can have abstract and non-abstract methods. B. support multiple inheritance. C. can not have final, non-final, static and non-static variables. D. can not provide the implementation of interface.	A
7.	The java string equals() method: A. searches the sequence of characters in this string. It returns true if sequence of char values are found in this string otherwise returns false. B. compares the two given strings based on the content of the string. If any character is not matched, it returns false. If all characters are matched, it returns true. C. compares the given string with current string lexicographically. It returns positive number, negative number or 0.	B

8.	class C {
	public static void main(String[] args) {
	int[] a1 = new int[]; // 1
	int a2[] = new int[5]; // 2
	int[] a3 = new int[] { 1, 2}; // 3
	int[] a4 = {1, 2}; // 4
	}
	}
	Compile-time errors are generated at which lines?
	A. 1
	B. 2
	C. 3
	D. 4
		A

9.	class M {
	public static void main(String[] args) {
	int a = 1; // 1
	short b = 1; // 2
	long c = b + a; //3
	a = c + a; // 4
	
	}
	}
	A compile-time error is generated at which line?
	A. 1
	B. 2
	C. 3
	D. 4
		D

10.	What will be the output of the program?
	String a = "Frh Academy";
	a = a.substring(5,7);
	char b = a.charAt(1);
	a = a + b;
	System.out.println(a);
	
	A. Aca
	B. caa
	C. cade
	D. ca
		B

11.	Which of these class is use to read character in a file? A. FileReader B. FileWriter C. FileInputStream D. InputStreamReader	A
12.	Which collection class allows you to grow or shrink its size and provides indexed access to its elements, but whose methods are not synchronized? A. java.util.HashSet B. java.util.LinkedHashSet C. java.util.List D. java.util.ArrayList	D

13.	_____ is the mechanism that binds together the code and the data. A. Polymorphism. B. Encapsulation. C. Inheritance. D. Together.	B

14.	What will be the output of the program?
	public class CastObject {
	public static void main(String args[]) {
	class Foo {
	public int i = 3;
	}
	Object o = (Object)new Foo();
	Foo foo = (Foo)o;
	System.out.println("i = " + foo.i);
	}
	}
	A. i = 3
	B. Compilation fails.
	C. i = 5
	D. A ClassCastException will occur.
		A

15.	public class ConstructorClass { } What is the prototype of the default constructor? A. ConstructorClass( ) B. ConstructorClass(void) C. public ConstructorClass( ) D. public void ConstructorClass()	C

16.	Which method of string class in java Returns a new string that is a substring of this string? A. public String substring(int beginIndex,int endIndex) B. public String substring(int beginIndex) C. public boolean equalsIgnoreCase(String another) D. Both A & B	D

17.	class F {
	public static void main(String[] s) {
	String s1 = "A", s2 = " B ", s3 = "C";
	s2.trim();
	s3.concat("D");
	System.out.print(s1 + s2 + s3);
	}
	}
	What is the result of attempting to compile and run the program?
	A. Prints: ABC
	B. Prints: A B C
	C. Prints: ABCD
	D. Prints: ABDC
		B

18.	public class F {
	public static void main(String[] args) {
	try {
	return;
	} catch (Exception e) {
	System.out.print("Exception");
	} finally {
	System.out.print("Finally");
	}
	System.out.print("Finish");
	}
	}
	What is the result of attempting to compile and run the program?
	A. Print: Finally
	B. Print Finally, Finish
	C. Finish
	D. Print: ExceptionFinally
		A

19.	public class Fresher {
	private String name;
	public Fresher(String name) {
	this.name = name;
	}
	public void setName(String name) {
	this.name = name;
	}
	public String getName() {
	return name;
	}
	public static void m1(Fresher f1, Fresher f2) {
	f1.setName("Vinh");
	f2 = f1;
	}
	public static void main(String[] args) {
	Fresher fresher1 = new Fresher("Vong");
		C

	Fresher fresher2 = new Fresher("Viet");
	m1(fresher1, fresher2);
	System.out.println(fresher1.getName() + "," + fresher2.getName());
	}
	}
	What is the result of attempting to compile and run the program?
	A. Prints: Vong,Viet
	B. Prints: Vong,Vinh
	C. Prints: Vinh, Viet
	D. Prints: Vinh,Vinh	

20.	public class E {
	static int m(int i) {
	System.out.print(i + ", ");
	return i;
	}
	
	public static void main(String s[]) {
	int i = 1;
	m(m(++i) + m(i++) + m(-i) + m(i++));
	}
	}
	What is the result of attempting to compile and run the above program?
	A. Prints: 1, 2, 3, 4, 10,
	B. Prints: 1, 2, -3, 4, 4,
	C. Prints: 2, 2, -3, -3, -2,
	D. Prints: 2, 2, -3, 3, 4,
		D