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Question Paper Code: 98468

B.E. / B.Tech. DEGREE EXAMINATION, NOV 2022

One credit

Electronics and communication Engineering

19UEC868 - JAVA PROGRAMMING

(Regulations 2019)

(Common to all branches)

Duration: 1:30 Hours

Maximum: 30 Marks

Answer ALL Questions

PART A - (1 x 30 = 30 Marks)

- Who invented Java Programming?
(a) Guido van Rossum (b) James Gosling (c) Dennis Ritchie (d) Bjarne Stroustrup
- Which statement is true about Java?
(a) Java is a sequence-dependent programming language
(b) Java is a code dependent programming language
(c) Java is a platform-dependent programming language
(d) Java is a platform-independent programming language
- Which one of the following is not a Java feature?
(a) Object-oriented (b) Use of pointers (c) Portable (d) Virtual function
- Which of these cannot be used for a variable name in Java?
(a) identifier & keyword (b) identifier
(c) keyword (d) none of the mentioned
- What is the extension of java code files?
(a) .js (b) .txt (c) .class (d) .java
- Which of the following is not an OOPS concept in Java?
(a) Polymorphism (b) Inheritance (c) Compilation (d) Encapsulation

7. What will be the output of the following Java code?

```
class increment
{
public static void main(String args[])
{
int g = 3;
System.out.print(++g * 8);
}
}
```

- (a) 32 (b) 33 (c) 24 (d) 25

8. What will be the output of the following Java program?

```
classvariable_scope
{
public static void main(String args[])
{
int x;
x = 5;
{
int y = 6;
System.out.print(x + " " + y);
}
System.out.println(x + " " + y);
}
}
```

- (a) Compilation error (b) Runtime error (c) 5 6 5 6 (d) 5 6 5

9. Which of these are selection statements in Java?

- (a) break (b) continue (c) for() (d) if()

10. Which of these keywords is used to define interfaces in Java?

- (a) intf (b) Intf (c) interface (d) Interface

11. Which of these keywords are used for the block to be examined for exceptions?

- (a) check (b) throw (c) catch (d) try

12. Which one of the following is not an access modifier?

- (a) Protected (b) Void (c) Public (d) Private

13. Which provides runtime environment for java byte code to be executed?

- (a) JDK (b) JVM (c) JRE (d) JAVAC

14. Which of the following for loop declaration is not valid?
- (a) for (int i = 99; i >= 0; i / 9) (b) for (int i = 7; i <= 77; i += 7)
- (c) for (int i = 20; i >= 2; - i) (d) for (int i = 2; i <= 20; i = 2* i)
15. Which keyword is used for accessing the features of a package?
- (a) package (b) import (c) extends (d) export
16. Out of these methods of the String class, which one can be used for testing the strings for equality?
- (a) isequals() (b) isequal() (c) equals() (d) equal()
17. Out of these packages, which one contains an abstract keyword?
- (a) java.util (b) java.lang (c) java.system (d) java.io
18. Which one of the following will declare an array and initialize it with five numbers?
- (a) Array a = new Array(5); (b) int [] a = {23,22,21,20,19};
- (c) int a [] = new int[5]; (d) int [5] array;
19. Which one is a valid declaration of a boolean?
- (a) boolean b1 = 0; (b) boolean b2 = 'false';
- (c) boolean b3 = false; (d) boolean b4 = Boolean.false();
20. What will be the output of the program?

```
publicclassFoo
{
publicstaticvoid main(String[] args)
{
try
{
return;
}
finally
{
System.out.println( "Finally" );
}
}
}
```

- (a) Finally (b) Compilation fails
- (c) The code runs with no output. (d) An exception is thrown at runtime.

