

Java Programming Question Paper

Section A: Multiple Choice Questions (MCQs)

(Each question carries 4 marks)

1. What is the default value of an int variable in Java?

- 0 ☒
- 1
- null
- undefined

2. Which keyword is used to define a class in Java?

- class ☒
- Class
- def
- struct

3. Which of these is NOT a Java primitive type?

- int
- float
- char
- string ☒


4. Which method is called when an object is created?

- main()
- constructor ☒
- start()
- initialize()


5. What is used to create an object in Java?

- new ☒
- create
- instance
- object


6. Which operator is used for comparison?

- =
- == 
- !=
- &&


7. What is the superclass of all Java classes?

- Object 
- Main
- Base
- Super


8. Which loop executes at least once?

- for
- while
- do-while 
- foreach

9. Which Java keyword is used to inherit a class?

- implements
- extends 
- inherits
- super

10. What does JVM stand for?

- Java Virtual Machine 
- Java Verified Model
- Java Visual Manager
- Java Variable Memory

Section B: Coding Questions

(Each question carries 20 marks)

11. Write a Java program to print 'Hello, World!'.

```
public class Main {  
    public static void main(String[] args) {
```

```
        System.out.println("Hello, World!");
    }
}
```

12. Write a Java function to check if a number is even or odd.

```
public static void checkEvenOdd(int num) {
    if(num % 2 == 0) {
        System.out.println("Even");
    } else {
        System.out.println("Odd");
    }
}
```

13. Write a Java program to find the factorial of a number using recursion.

```
public static int factorial(int n) {
    return (n <= 1) ? 1 : n * factorial(n - 1);
}
```