**Java Fill-in-the-Blank Practice Questions**

**Q1. Basic Class and Object**

**public class Student {**

**String name;**

**int age;**

**public Student(\_\_\_\_\_\_, \_\_\_\_\_\_) {**

**this.name = name;**

**this.age = age;**

**}**

**public void display() {**

**System.out.println("Name: " + name + ", Age: " + age);**

**}**

**public static void main(String[] args) {**

**Student s = new Student("Amit", 20);**

**s.display();**

**}**

**}**

**Q2. Inheritance**

**class Animal {**

**void sound() {**

**System.out.println("Animal sound");**

**}**

**}**

**class Dog \_\_\_\_\_\_ Animal {**

**void sound() {**

**System.out.println("Bark");**

**}**

**}**

**Q3. Method Overloading**

**public class Calculator {**

**public int add(int a, int b) {**

**return a + b;**

**}**

**public double add(double a, \_\_\_\_\_\_) {**

**return a + b;**

**}**

**}**

**Q4. Generic Class**

**class Box<T> {**

**private T value;**

**public void setValue(T value) {**

**this.value = value;**

**}**

**public T getValue() {**

**return \_\_\_\_\_\_;**

**}**

**}**

**Q5. Abstract Class**

**abstract class Shape {**

**abstract void draw();**

**}**

**class Circle extends \_\_\_\_\_\_ {**

**void draw() {**

**System.out.println("Drawing Circle");**

**}**

**}**

**Q6. Interface Implementation**

**interface Printer {**

**void print();**

**}**

**class Epson \_\_\_\_\_\_ Printer {**

**public void print() {**

**System.out.println("Printing...");**

**}**

**}**

**Q7. If-Else Condition**

**int a = 10, b = 20;**

**if (a < b) {**

**System.out.println("a is smaller");**

**} else {**

**\_\_\_\_\_\_;**

**}**

**Q8. Switch Statement**

**int day = 2;**

**switch(day) {**

**case 1: System.out.println("Monday"); break;**

**case 2: \_\_\_\_\_\_; break;**

**default: System.out.println("Other day");**

**}**

**Q9. Array Declaration**

**int[] numbers = \_\_\_\_\_\_;**

**numbers[0] = 5;**

**Q10. For Loop**

**for(int i = 0; i < 5; \_\_\_\_\_\_) {**

**System.out.print(i + " ");**

**}**

**Q11. While Loop**

**int i = 0;**

**while(\_\_\_\_\_\_){**

**System.out.print(i + " ");**

**i++;**

**}**

**Q12. Constructor Overloading**

**class Car {**

**Car() {**

**System.out.println("Default Constructor");**

**}**

**Car(String model) {**

**\_\_\_\_\_\_;**

**}**

**}**

**Q13. Static Keyword**

**class Test {**

**static int count = 0;**

**static void show() {**

**\_\_\_\_\_\_;**

**}**

**}**

**Q14. Final Keyword**

**final int x = 10;**

**// x = 20; // Error: \_\_\_\_\_\_**

**Q15. Try-Catch Block**

**try {**

**int a = 10 / 0;**

**} catch(ArithmeticException e) {**

**\_\_\_\_\_\_;**

**}**

**Q16. Create Generic Method**

**public static <T> void display(T item) {**

**System.out.println(\_\_\_\_\_\_);**

**}**

**Q17. Generic Method Usage**

**display(100); // T is Integer**

**display("Java"); // T is \_\_\_\_\_\_**

**Q18. Enum Declaration**

**enum Day { MON, TUE, WED }**

**public class Demo {**

**public static void main(String[] args) {**

**Day d = \_\_\_\_\_\_;**

**System.out.println(d);**

**}**

**}**

**Q19. This Keyword**

**class Person {**

**String name;**

**Person(String name) {**

**this.name = \_\_\_\_\_\_;**

**}**

**}**

**Q20. Command Line Argument**

**public class ArgsTest {**

**public static void main(String[] args) {**

**System.out.println("First Arg: " + \_\_\_\_\_\_);**

**}**

**}**

**✅ Answers**

1. **String name, int age**
2. **extends**
3. **double b**
4. **value**
5. **Shape**
6. **implements**
7. **System.out.println("b is smaller")**
8. **System.out.println("Tuesday")**
9. **new int[3]**
10. **i++**
11. **i < 3**
12. **System.out.println("Model: " + model)**
13. **System.out.println("Count = " + count)**
14. **cannot assign a value to final variable 'x'**
15. **System.out.println("Divide by zero error")**
16. **item**
17. **String**
18. **Day.TUE**
19. **name**
20. **args[0]**