

- 6 Which access modifier allows a class to be accessed only within the same package?
A private B protected
C public D default (no modifier)
- 7 Which keyword is used to achieve method overriding in Java?
A override B super
C extends D @Override
- 8 Which keyword is used to handle exceptions in Java?
A throw B try
C catch D throws
- 9 Which method is used to start a new thread in Java?
A start() B run()
C execute() D thread()
- 10 Which keyword is used to implement synchronization in Java?
A lock B sync
C synchronized D thread

Part – B (Do as Directed)

(10)

True/False

- 1 In Java, every class must have a constructor.
- 2 Inheritance allows a class to inherit properties and methods from multiple parent classes.
- 3 Java supports multiple inheritance.
- 4 The "finally" block is executed only if an exception occurs in the try block.
- 5 All exceptions in Java are checked exceptions.
- 6 Multithreading allows multiple threads to execute simultaneously within a program.
- 7 The "synchronized" keyword is used to prevent multiple threads from accessing a method simultaneously.
- 8 Abstract Window Toolkit (AWT) is a part of the Java language.
- 9 AWT components are lightweight and platform-independent.
- 10 Java supports multiple inheritance through interfaces.
