

7. Which state occurs after a thread has completed execution?
A) Running B) Blocked
C) Dead D) Ready
8. Which AWT control allows selection of a single option from a group?
A) Button B) Label
C) Checkbox Group D) TextField
9. Which method is commonly used to draw a rectangle using Graphics class?
A) drawRect() B) createRect()
C) rectangle() D) makeRect()
10. Which concept allows different objects to respond differently to the same method call?
A) Encapsulation B) Abstraction
C) Inheritance D) Polymorphism

Part – B (State whether the following statements are true or false)

(10)

- 1 Java supports object-oriented programming concepts.
- 2 Interfaces can be used to achieve multiple inheritance in Java.
- 3 ArrayList stores elements in dynamic memory.
- 4 FileReader is used for reading character-based files.
- 5 java.net package provides networking classes.
- 6 A thread can be started multiple times using start() method.
- 7 Thread scheduling is managed by the JVM and operating system.
- 8 Checkbox Group allows only one option to be selected at a time.
- 9 Graphics class can be used to draw shapes on the screen.
- 10 Polymorphism increases flexibility and extensibility of programs.
