

Q 1. MCQ----- (20)

- 1) .class is the _____ code in java program
 - a) Source
 - b) Byte
 - c) Native
 - d) None
- 2) Which of the following is correct statement to create an object of test class?
 - a) Test t () = new Test();
 - b) Test () t = new Test();
 - c) Test t = new Test();
 - d) Test () t () = new Test();
- 3) A constructor is a special type of
 - a) Object
 - b) class
 - c) variable
 - d) method
- 4) The command line arguments are passed as
 - a) Array of characters
 - b) String
 - c) Array of String
 - d) Array of Object
- 5) To do inheritance _____ keyword is used
 - a) Inherits
 - b) implements
 - c) super
 - d) extends
- 6) The methods of interface are by default _____
 - a) Static
 - b) final
 - c) abstract
 - d) All of above
- 7) _____ is the super class of all the classes
 - a) Super
 - b) object
 - c) class
 - d) None
- 8) The default package of java is _____
 - a) Java.lang
 - b) java.io
 - c) java.util
 - d) java.awt
- 9) The default priority of thread is _____
 - a) NORMAL_PRIORITY
 - b) NORM_PRIORITY
 - c) NOMINAL_PRIORITY
 - d) None
- 10) To displays string on applet _____ method is used
 - a) showString ()
 - b) printString ()
 - c) drawString ()
 - d) println ()
- 11) _____ method is used to draw rectangle
 - a) drawRect ()
 - b) drawPolygon ()
 - c) drawLine ()
 - d) All of above
- 12) A button click can generate _____ event
 - a) ClickEvent
 - b) ButtonEvent
 - c) ItemEvent
 - d) ActionEvent
- 13) _____ is the default layout manager
 - a) Border
 - b) Flow
 - c) Grid
 - d) Box
- 14) The JApplet class is in _____ package
 - a) Java.swing
 - b) java.applet
 - c) javax.swing
 - d) javax.applet
- 15) Java was developed in _____
 - a) 1990
 - b) 1995
 - c) 1993
 - d) 1991
- 16) When final is used with variable then _____
 - a) It is initialized with zero
 - b) Its value cannot be changed
 - c) It cannot be used by the object
 - d) All of above
- 17) When a class is declared as abstract then _____
 - a) Its object cannot be created
 - b) It cannot inherit any class
 - c) it cannot have methods
 - d) it cannot have subclass
- 18) All variables in interface are _____ by default

- a) Final b) static c) both a & b d) None

19) _____ is the super class of all exception classes

- a) Exception b) Error c) Throwable d) None

20) Maximum priority of thread is _____

- a) 5 b) 10 c) 1 d) Any integer number between 1 to 10

Q 2 (A) Attempt any three ----- (06)

- 1) Define Garbage Collection
- 2) What is Type casting?
- 3) Explain new keyword
- 4) Define Polymorphism
- 5) Define class
- 6) What is "this" keyword?

Q 2 (B) Attempt any three ----- (09)

- 1) Explain JVM in detail
- 2) What is Type Casting? Explain.
- 3) Write a note on final keyword.
- 4) How Java supports Exception Handling
- 5) Explain Abstract class
- 6) Write a note on Access Specifier

Q 2 (C) Attempt any two----- (10)

- 1) Explain Buzzwords (Characteristics) of Java
- 2) Write a note on Interface
- 3) Write a note on Life Cycle of Thread
- 4) Write a note on Priorities of Thread.
- 5) What is super keyword? Explain its uses

Q 3 (A) Attempt any three ----- (06)

- 1) Define native method
- 2) Define Deadlock
- 3) Differentiate throw and throws
- 4) Define Inheritance.
- 5) Define Transient
- 6) Define Thread.

Q 3 (B) Attempt any three ----- (09)

- 1) What is package? Explain
- 2) Write a note on swing.
- 3) Explain any three methods of Graphics class.
- 4) Explain Applet tag
- 5) Write a note on Adapter class
- 6) Write a note on Wrapper class.

Q 3 (C) Attempt any two----- (10)

- 1) Write a note on Stream in Java
- 2) Explain Applet Life Cycle in detail
- 3) Write a note on Event Delegation Model
- 4) List different layout managers and explain any one in detail
- 5) How to create Menu in Swing

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