



Java Programming Sample Questions





Multiple Choice Questions(MCQs)

1. An expression involving byte, int, and literal numbers is promoted to which of these?
 - a) int
 - b) long
 - c) byte
 - d) float
2. Which of these literals can be contained in float data type variable?
 - a) -1.7e+308
 - b) -3.4e+038
 - c) +1.7e+308
 - d) -3.4e+050
3. If we try to add Enum constants to a TreeSet, what sorting order will it use?
 - a) Sorted in the order of declaration of Enums
 - b) Sorted in alphabetical order of Enums
 - c) Sorted based on order() method
 - d) Sorted in descending order of names of Enums
4. Which class does all the Enums extend?
 - a) Object
 - b) Enums
 - c) Enum



d) EnumClass

5. Can 8 byte long data type be automatically type cast to 4 byte float data type?
- a) True
 - b) False
6. Which component is used to compile, debug and execute java program?
- a) JVM
 - b) JDK
 - c) JIT
 - d) JRE
7. Which component is responsible to run java program?
- a) JVM
 - b) JDK
 - c) JIT
 - d) JRE
8. Which statement is true about java?
- a) Platform independent programming language
 - b) Platform dependent programming language
 - c) Code dependent programming language
 - d) Sequence dependent programming language
9. Which concept of Java is a way of converting real world objects in terms of class?



- a) Polymorphism
 - b) Encapsulation
 - c) Abstraction
 - d) Inheritance
10. What is it called where child object gets killed if parent object is killed?
- a) Aggregation
 - b) Composition
 - c) Encapsulation
 - d) Association
11. Method overriding is combination of inheritance and polymorphism?
- a) True
 - b) false
12. Which of the following is a valid declaration of an object of class Box?
- a) `Box obj = new Box();`
 - b) `Box obj = new Box;`
 - c) `obj = new Box();`
 - d) `new Box obj;`
13. Which of the following is a method having same name as that of its class?
- a) finalize



- b) delete
- c) class
- d) constructor

14. Which of the following statements are incorrect?
- a) default constructor is called at the time of object declaration
 - b) constructor can be parameterized
 - c) finalize() method is called when a object goes out of scope and is no longer needed
 - d) finalize() method must be declared protected
15. Which of the following is a garbage collection technique?
- a) Cleanup model
 - b) Mark and sweep model
 - c) Space management model
 - d) Sweep model
16. What happens to the thread when garbage collection kicks off?
- a) The thread continues its operation
 - b) Garbage collection cannot happen until the thread is running
 - c) The thread is paused while garbage collection runs
 - d) The thread and garbage collection do not interfere with each other
17. Which of this method can be used to make the main thread to be executed last among all the threads?
- a) stop()
 - b) sleep()



- c) join()
- d) call()

18. What is the default value of priority variable MIN_PRIORITY AND MAX_PRIORITY?
- a) 0 & 256
 - b) 0 & 1
 - c) 1 & 10
 - d) 1 & 256
19. What is synchronization in reference to a thread?
- a) It's a process of handling situations when two or more threads need access to a shared resource
 - b) It's a process by which many thread are able to access same shared resource simultaneously
 - c) It's a process by which a method is able to access many different threads simultaneously
 - d) It's a method that allow too many threads to access any information require
20. Which of these method of Thread class is used to find out the priority given to a thread?
- a) get()
 - b) ThreadPriority()
 - c) getPriority()
 - d) getThreadPriority()



21. Which of these class encapsulate the runtime state of an object or an interface?
- a) Class
 - b) Object
 - c) Runtime
 - d) System
22. Which of these packages contains all the classes and methods required for even handling in Java?
- a) java.applet
 - b) java.awt
 - c) java.event
 - d) java.awt.event
23. What is an event in delegation event model used by Java programming language?
- a) An event is an object that describes a state change in a source
 - b) An event is an object that describes a state change in processing
 - c) An event is an object that describes any change by the user and system
 - d) An event is a class used for defining object, to create events
24. What is a listener in context to event handling?
- a) A listener is a variable that is notified when an event occurs
 - b) A listener is a object that is notified when an event occurs
 - c) A listener is a method that is notified when an event occurs
 - d) None of the mentioned



25. Which of this access specifies can be used for a class so that its members can be accessed by a different class in the same package?
- a) Public
 - b) Protected
 - c) No Modifier
 - d) All of the mentioned
26. Which of the following is an incorrect statement about packages?
- a) Package defines a namespace in which classes are stored
 - b) A package can contain other package within it
 - c) Java uses file system directories to store packages
 - d) A package can be renamed without renaming the directory in which the classes are stored
27. Which of the following is the correct way of implementing an interface salary by class manager?
- a) class manager extends salary {}
 - b) class manager implements salary {}
 - c) class manager imports salary {}
 - d) none of the mentioned
28. Which of the following is advantage of using JDBC connection pool?
- a) Slow performance
 - b) Using more memory
 - c) Using less memory
 - d) Better performance



29. Where is an array stored in memory?
- a) heap space
 - b) stack space
 - c) heap space and stack space
 - d) first generation memory
30. What is true about threading?
- a) run() method calls start() method and runs the code
 - b) run() method creates new thread
 - c) run() method can be called directly without start() method being called
 - d) start() method creates new thread and calls code written in run() method