

Shivaji University, Kolhapur

Question Bank For Mar 2022 (Summer) Examination

Subject Code: 79728

Subject Name: Core Java

Q.1. Select correct alternative and rewrite the statement.

[8]

1. Runnable is a _____ .

- a) class
- b) abstract class
- c) interface
- d) variable

2. The finalize() method is called just prior to _____ .

- a) An object, variable or method goes out of scope.
- b) An object or variable goes out of scope.
- c) A variable goes out of scope.
- d) Before garbage collection.

3. The implicit return type of a constructor is _____ .

- a) void
- b) int
- c) a class object in which it is defined
- d) there is no return type.

4. Which of the modifier can't be used for constructors?

- a) public
- b) private
- c) protected
- d) static

5. What notifyAll() method do?

- a) Wakes up one threads that are waiting on this object's monitor
- b) Wakes up all threads that are not waiting on this object's monitor
- c) Wakes up all threads that are waiting on this object's monitor
- d) None of the above

6. When a class extends the Thread class ,it should override _____ method of Thread class to start that thread.

- a) start()
- b) run()
- c) init()
- d) go()

7. _____ is used to include classes like Calendar, Collection and Date etc.

- a) java.util
- b) java.io
- c) java.net
- d) java.awt

8. The built-in base class in Java, which is used to handle all exceptions, is

- a) Raise
- b) Exception
- c) Error
- d) Throwable

Q.2. Attempt Any Two

[16]

1. What is interface? How to implement an interface?
2. Explain in brief different types of data types supported by Java?
3. What is mean by packages? List out different in-built types of packages in Java.

Q.3. Attempt Any Four

[16]

1. Explain multiple catch statement with example.
2. What is Inheritance? Explain hierarchical inheritance with example.
3. Explain the difference between C++ and Java.
4. Explain the concept of AWT.
5. What is type casting? Explain it with example.
6. Explain in brief syntax of exception handling code.