**Q.1 A) Choose correct alternatives. 10**

**1)** Package is collection of \_\_\_\_\_.

a) classes b) Interfaces

c) sub-packages d) all of these

**2)** The exceptions that are checked at compile time by the Java compiler

are called \_\_\_\_\_.

a) checked b) unchecked

c) user defined d) none of these

**3)** \_\_\_\_\_ keyword is used to extend the class

a) super b) final

c) extends d) implements

**4)** \_\_\_\_\_ Package contain all the collection classes.

a) java.util b) java.io

c) java.lang d) all of these

**5)** \_\_\_\_\_ is used to find and fix a bug in java.

a) JVM b) JDK

c) JDB d) JRE

**6)** In a Java thread can be created \_\_\_\_\_

a) extending class b) implementing interface

c) both a and b d) none of these

**7)** \_\_\_\_\_ Method is used to suspend a thread.

a) sleep() b) terminate()

c) suspend() d) stop()

**8)** Which layout used to arrange the components in a line one after the

other?

a) FlowLayout b) BorderLayout

c) GridLayout d) GridBackLayout

**9)** AWT stands for Abstract Window Toolkit.

a) False b) True

**10)** \_\_\_\_\_ is not a feature of a Java.

a) use of pointer b) dynamic

c) object oriented d) architecture natural

Page **2** of **2**

**SLR-FZ-160**

**B) Fill in the Blanks. 06**

1) JVM stands for \_\_\_\_\_.

2) \_\_\_\_\_ Keyword is used to prevent method overriding.

3) \_\_\_\_\_ Componentin AWT that can contain another components like

buttons, labels etc?

4) In Java default priority of thread is \_\_\_\_\_.

5) \_\_\_\_\_ keyword is used to call base. class constructor in derived class.

6) \_\_\_\_\_ Keyword is used to implement interface in the class.

**Q.2 Answer the followings (Any Eight) 16**

**a)** What is use of super keyword?

**b)** Write a note on JCheckBox.

**c)** Write a note on ArrayList.

**d)** Write a note Thread priorities.

**e)** Define abstract class.

**f)** What is Event?

**g)** Define constructor.

**h)** List out advantages of collection.

**i)** Use of final keyword.

**j)** JVM

**Q.3 A) Answer the followings. (Any two) 10**

1) What is exception? How to handle exception in java?

2) Explain the features of java.

3) Write a program to demonstrate that use of ‘super’ keyword.

**Q.3 B)** What is method overriding? Explain. **06**

**Q.4 A) Answer the following. (Any Two) 08**

1) What is interface? Explain with example.

2) List out Difference AWT and swing.

3) Explain file reader and file writer.

**Q.4 B)** Write a program for constructor overloading. **08**

**Q.5 Answer the following. (Any Two) 16**

**a)** What is Inheritance? Explain types of Inheritance.

**b)** Explain thread life cycle.

**c)** Explain data types in Java.