

V.P. & R.P.T.P. Science College
T.Y. B.Sc. INTERNAL EXAMINATION, SEM – VI
US06CCSC01 : Object Oriented Programming using JAVA

Date : 05/03/2019

Time:10:00am To 12:00pm

Max. Marks : 50

Q – 1 Multiple Choice Question

[08]

- i) _____ is one of the inventors of java.
a) Dannis Ritchie b) James Gosling
c) Bjarne Straustrup d) Balagurusamy
- ii) _____ is reserved keyword in java.
a) Abstract b) Extends c) Package d) All of above
- iii) What keyword is used in Java to define a constant?
a)static b) final c) abstract d) private
- iv) _____ keyword is used to inherit a class.
a) extend b) extends c) implement d) implements
- v) "Divided an integer by zero" is an example of _____ type of error.
a) Compile-time b) Run-time c) Logical d) Exception
- vi) Which package is used for creating and implementing applets.
a) java.lang b) java.util c) java.applet d) java.awt
- vii) _____ is a passive control.
a) TextField b) Label c) Button d) None of these
- viii) In List, if no item is selected then the method `getSelectedIndex()` returns ____.
a) 0 b) 1 c) -1 d) NULL



Q – 2 Answer the following questions in short (Any 10)

[10]

- i) What is JVM(Java Virtual Machine)?
- ii) Draw the java program structure.
- iii) Define constructor. How do we invoke constructor in JAVA?
- iv) Define static keyword.
- v) Give examples of the Run-time error.
- vi) List the methods of Reader or Writer class.
- vii) Write stages of Applet life cycle in detail.
- viii) List out methods of MouseListener.

Q – 3 What is java? Explain the features of java.

[08]

OR

Q – 3 List out the decision making statements available in java. Explain with example.

[08]

Q – 4 Define inheritance. Describe different forms of inheritance.

[08]

OR

Q – 4 Write short note on method overloading and method overriding.

[08]

Q – 5 What is exception? Explain the syntax of try block and catch block with an example.

[08]

OR

Q – 5 List out any five methods of String class by giving an example.

[08]

Q – 6 Write short note on following components. 1. Label 2. TextField

[08]

OR

Q – 6 Explain various drawing Methods : drawstring, drawOvel, drawLine

[08]