

Shree Manibhai Virani and Smt. Navalben Virani Science College (Autonomous). Rajkot
Affiliated to Saurashtra University, Rajkot

SEMESTER END EXAMINATION NOVEMBER – 2017

B.Voc. Applied Computer Technology

ACTECH 3.1 – CORE JAVA

Duration of Exam – 2.30 hrs

Semester – III

Max. Marks – 70

Que. 1 Answer the following Questions

[20]

1. JVM stands for _____.
2. Java supports multithreading. True/False
3. ____ is used to compile a java program.
4. ____ Keyword can be used in sub class to call the constructor of the super class.
5. ____ Package contains GregorianCalendar class.
6. JDK stands for _____
7. ____ statement is used to include another java package.
8. Java has keyword called finally. True / False
9. What is deadlock?
10. List 4 features of java.
11. List conditional operators
12. List four awt controls.
13. Method overriding is also known as _____.
14. List types of array.
15. ____ keyword is used to inherit one class into another class.
16. List four system defined packages.
17. List types of exceptions.
18. List options of border layout.
19. List keyword used in exception handling.
20. List types of loops.

Que. 2 (A) – Answer the following Questions (Any Three)

[6]

1. Draw the process of java program
2. Syntax of else if ladder
3. Explain drawOval()
4. Explain modifiers
5. Explain stack class
6. Explain font class

Que. 2 (B) Answer the following Questions (Any Three)

[09]

1. Explain super keyword
2. Explain final keyword
3. Explain multidimensional array
4. Explain FileInputStream and FileOutputStream.
5. Explain try, catch and finally keywords
6. Write a java program of copy constructor.

Que. 2 (C) Answer the following Questions (Any Two)

[10]

1. Explain command line argument.
2. Explain features of java
3. Explain constructor overloading.
4. Explain multilevel inheritance
5. Write a java program to copy one file to another file

Que. 3 (A) – Answer the following Questions (Any Three)

[06]

1. Explain this keyword
2. Explain <applet> tag
3. Explain static keyword
4. Explain toLowerCase()
5. Explain event delegation model
6. Give difference between throw and throws

Que. 3 (B) Answer the following Questions (Any Three)

[09]

1. Explain button class
2. What is layout? Explain any one.
3. Describe wrapper class
4. Explain applet life cycle
5. Explain stream tokenizer
6. Write a java program to print random numbers.

Que. 3 (C) Answer the following Questions (Any Two)

[10]

1. Explain mouse events with example
2. Explain thread life cycle
3. Explain interface with example
4. Explain types of constructor
5. Write a java program to draw a happy face