

# C.U.SHAH UNIVERSITY

## Summer Examination-2017

Subject Name : Programming with Java –I

Subject Code : 4CS03IJV1

Branch: B.Sc.IT

Semester : 3

Date :23/03/2017

Time : 10:30 To 1:30

Marks : 70

Instructions:

- (1) Use of Programmable calculator & any other electronic instrument is prohibited.
  - (2) Instructions written on main answer book are strictly to be obeyed.
  - (3) Draw neat diagrams and figures (if necessary) at right places.
  - (4) Assume suitable data if needed.
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**Q.-1 Attempt following MCQ.**

**14**

- 1) Full form of JDK is \_\_\_\_\_
  - a) Java Design Kit
  - b) Java Define Kit
  - c) Java Deployment kit
  - d) Java Development Kit
- 2) Which is not data type in java?
  - a) double
  - b) boolean
  - c) float
  - d) tiny int
- 3) Which is default package of java?
  - a) java.io
  - b) java.lang
  - c) java.net
  - d) java.awt
- 4) Which is bitwise operator?
  - a) &&
  - b) &
  - c) ||
  - d) None of the above
- 5) The == operator is \_\_\_\_\_ operator.
  - a) bitwise
  - b) Logical
  - c) Short hand
  - d) Relational.
- 6) \_\_\_\_\_ is used to initialize object.
  - a) Inheritance
  - b) Class
  - c) Package
  - d) Constructor
- 7) Which is array in java?
  - a) 1D
  - b) 2D
  - c) Jagged Array
  - d) All of the above





**Q.-5 Attempt following. 14**

- a) Explain character stream class. 5
- b) Explain any two method of Vector class with example. 5
- c) Discuss exception with suitable example. 4

**Q.-6 Attempt following. 14**

- a) Explain Applet life cycle. 5
- b) Compare TextField and RadioButton control. 5
- c) Explain ActionListener and MouseListener 4

**Q.-7 Attempt following. 14**

- a) Explain event delegation model. 5
- b) What is stream? Explain FileWriter class. 5
- c) Write an applet to create rectangle and fill it with RED color. 4

**Q.-8 Attempt following. 14**

- a) Write a java console program to create class Student with rollno and name data. Input rollno and name of 3 students and print it. 7
- b) Write a program to implement following using applet. (Note : MIN and SUM are command button) 7

Enter no. 1

Enter no. 2

ANSWER

