

Enrollment No: _____

Exam Seat No: _____

C.U.SHAH UNIVERSITY

Summer Examination-2017

Subject Name : Object Oriented Programming with Java

Subject Code : 5CS02PJV2

Branch: P.G.D.C.A

Semester : 2

Date : 02/05/2017

Time : 02:00 To 05:00

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.
-

SECTION – I

- Q.-1 Attempt following. 7**
- a) List various tokens in Java. 1
 - b) Give full form of JRE. 1
 - c) What is constructor? 1
 - d) What is class? 1
 - e) List OOP concept. 1
 - f) Explain Relational Operators. 2
- Q.-2 Attempt following. 14**
- a) Explain history of Java. 5
 - b) Explain java primary data types. 5
 - c) Explain while loop with example. 4
- OR
- a) Explain 2D array with example. 5
 - b) Explain break statement in for loop with example. 5
 - c) Explain if-else statement with example. 4
- Q.-3 Attempt following. 14**
- a) Explain static member with example. 5
 - b) Explain String class with any two methods. 5
 - c) Explain single inheritance. 4
- OR
- a) Explain Vector class with any two methods. 5
 - b) Explain interface with example. 5
 - c) Explain exception handling in java. 4



SECTION – II

Q.-4 Define following: 7

- a) Try-catch block 1
- b) AWT 1
- c) Thread 1
- d) Stream 1
- e) ActionListener. 1
- f) Final keyword. 1
- g) Public keyword. 1

Q.-5 Attempt following. 14

- a) Explain Applet Life Cycle. 5
- b) Explain Thread Life Cycle. 5
- c) Explain TextField Control. 4

OR

- a) Explain event listeners. 5
- b) Explain Graphics class with any two methods. 5
- c) Explain any two wrapper classes. 4

Q.-6 Attempt following. 14

- a) Write a program to find simple interest by input value from keyboard. 7
- b) Write a program to print following triangle. 7

```
1
4   9
16  25  36
49  64  81  100
```

OR

- a) Write a program to create class student (rollno, name). Input and print values for three students. 7
- b) Write a program to draw following rectangle in applet and fill it with BLACK colour. 7

