



CENTRE FOR DEVELOPMENT OF IMAGING TECHNOLOGY
(Under Government of Kerala)
CEP EXAMINATION-FEBRUARY 2019
Subject: Java Programming
PGDCA II

Register No.

Time: 3 Hours
Maximum Marks: 100

I. Fill in the blanks. Answer ALL questions.

(10 x 1 = 10)

1. _____ is a small java program dynamically downloaded across the network.
2. An _____ is a group of continuous or related data items that shares common name.
3. _____ is used to create new instance of a class.
4. In the process _____ in which one object acquires the properties of another object.
5. _____ function is used to draw rectangle.
6. An _____ event is generated when a checkbox or a list is clicked.
7. _____ data type returns true or false.
8. JSP stands for _____
9. A _____ event is generated when keyword input occurs.
10. AWT stands for _____

II. Explain briefly. Answer any TEN questions.

(10 x 4 = 40)

1. Why java is called object oriented language?
2. Write a short note on JVM.
3. Write a program to find the factorial of a number.
4. Differentiate while and do while.
5. Briefly explain about switch case statement.
6. Write a short note 'this' keyword in Java.
7. Differentiate constructor and destructor.
8. Write a small program to describe the use of 'extend' keyword.

9. Write a short note on polymorphism.
10. Write the demonstration of abstract class.
11. What do you mean by applet?
12. Write a short note on Mouse Event class.
13. Write a short not on servlet.

III. Answer any FIVE questions. Explain in detail.

(5 x 10 = 50)

1. Explain different data types used in Java with example.
2. Explain the following with example.
 - a) Arithmetic operator
 - b) Boolean operator
3. How to write a Java program? Explain different steps of java program execution.
4. Explain in detail about access specifiers in Java with example.
5. Explain different type of string handling mechanism in Java.
6. What are the different types of event handling in Java? Explain.
7. Explain detail about J2EE architecture.
