Dr. Babasaheb Ambedkar Open University

Term End Examination July-2016

Course	: PGDCA	**Numerical Code: (Not Require)**	
Subject Code	: PGDCA – 102	**Numerical Code: (Not Require)**	
Subject	: Object Oriented Concepts	**Total Marks**	: 70
Date	: **(Not Require)**	**Time**	: **(Not Require)**

Section A **(30)**

Attempt any Three of the following:

1. Define Flowchart. State and explain briefly various symbols used in flowcharting. Write down advantages of using flowcharts.
2. What do you mean by Inheritance? State and explain briefly different types of inheritances.
3. Discuss the different types of Control Structure statements in Java.
4. Explain in detail Packages of Java.
5. Explain in detail classes used for File Handling Java.

Section B **(20)**

Write short notes on any four.

1. Garbage Collection of Java
2. Interfaces of Java
3. Exception handling in Java
4. Access modifiers used in Java
5. Types of variables in Java
6. Wrapper classes of Java

Section C

(A) Multiple Choice Questions. (Give Four options for each MCQ) **(10)**

1 The object oriented technology includes:

a. object oriented management of projects b. computer hardware

c. computer aided software engineering d. all of above

2 Which will run and debug Java applets without the use of Web browser?

a. Appletviewer b. Jar

c. Javadoc d. Jarsigner

3 The break statement in Java will break:

a. For loop b. Do while loop

c. While loop d. all of these

4 A relational operation returns ____ value.

a. int b. float

c. char d. Boolean

5 _____keyword is used in subclass to call constructor of superclass.

a. super b. this

SAMPLE QUESTION PAPER

c. extent d. extends

6 Which keyword is not a part of exception handling?

a. try b. thrown

c. finally d. catch

7 Select the correct option if class A is inherited by class B.

a. class B + class A b. class B inherits class A

c. class B extends A d. class B extends class A

8 Which among the following component exists in all GUI programs?

a. Frame b. Monitor

c. Mouse d. Button

9 Which is not a data type?

a. bits b. short

c. byte d. int

10 Which one of the following comment styles not supported by JAVA?

a. //… b. /*…*/

c. /**…*/ d. **//…

(B) Do as directed. (10)

1. Pseudo-code is a tool which is used for planning program logic: True/ False.
2. _____ variable is declared within method itself. (Local, Instance)
3. The _____ statement or keyword is applied when to use built-in and user-defined package in java source file. (import, include)
4. Stream is a channel through which data flow from source to destination: True/ False.
5. _____ is a collection of types that gives access protection and name space management in Java. (Interface, Package)
6. _____ is a super class of exceptional types classes. (Runtime Exceptions, Throwable)
7. _____ is a computer object code which runs through a program known as virtual machine instead by actual computer machine. (Binary code, Byte code)
8. The full form of JVM is called as _____. (Java Vertical Machine, Java Virtual Machine)
9. _____ exceptions which are thrown at runtime. (Checked, Runtime)
10. _____ is a multitier distributed application model. (J2ME, J2EE)

SAMPLE QUESTION PAPER