Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐   Total No. of Pages : 02

Total No. of Questions : 09

PGDCA (2017 & Onwards) (Sem.–2)
PROGRAMMING IN JAVA
Subject Code : PDCA-201
M.Code : 50510

Time : 3 Hrs.   Max. Marks : 60

INSTRUCTION TO CANDIDATES :
  1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
  2. SECTION-B contains FIVE questions carrying FIVE marks each and students have to attempt any FOUR questions.
  3. SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

SECTION-A

Q1 Answer briefly :

a) Write the full form of JDK.

b) Difference between Java and C.

c) Why dot operator is used in Java?

d) How do you declare a variable to be FINAL?

e) Write the significance of break keyword in relation to Looping Construct.

f) Difference between Compile Time and Run Time error.

g) Why 'extends' keyword is used in Java?

h) Define Method Overriding.

i) Explain the syntax of if-else loop.

j) What is JDBC?

SECTION-B

Q2   Difference between Application and Applet.

Q3 Write a short note on Exception Handling.

Q4   Explain the key features of Java Language in detail.

Q5 What is inheritance? Discuss its various types along with example.

Q6 What do you mean by 'Package'? How it can be created and accessed?

SECTION-C

Q7 What is Applet? Discuss the methods of applet. How an Applet can be used in HTML
      page?

Q8 What is a class? Describe the syntax for declaring classes, creating objects and accessing
      members of a class with the help of examples.

Q9 Write short notes on :

      a) Looping Statements.

      b) Interfaces.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any
          page of Answer Sheet will lead to UMC against the Student.