

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 :

- Write the full form of JDK.
- Difference between Java and C.
- Why dot operator is used in Java?
- How do you declare a variable to be FINAL?
- Write the significance of break keyword in relation to Looping Construct.
- Difference between Compile Time and Run Time error.
- Why '*extends*' keyword is used in Java?
- Define Method Overriding.
- Explain the syntax of if-else loop.
- 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.