

Roll No.

Total No. of Pages : 02

Total No. of Questions : 09

PGDCA (2018 Batch) (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

1) Answer briefly :

- a) Enlist Java character set.
- b) Define Classes & objects in Java.
- c) Define Final class in Java.
- d) Use of Finalizer method in Java program.
- e) Define Arrays. How they are used?
- f) Explain OOP's & its benefits.
- g) What is String buffer class?
- h) Use of Throw and Throws keyword in Java.
- i) What are Errors & their types? Enlist them.
- j) What is an Applet tag?

## SECTION-B

- 2) Differentiate between C/C++ & Java.
- 3) What are constructors? Write an example program which shows the use of constructor.
- 4) Write short notes on :
  - a) Wrapper classes
  - b) Vectors
- 5) Define Applet life cycle with the different states.
- 6) How we can create a Package in Java? Explain with the help of suitable Java program example.

## SECTION-C

- 7) What is Inheritance in Java? How we can implement inheritance in Java with the help of program example?
- 8) What is Exception handling in Java? How it is implemented explain with the help of program example?  
What are Applets? How Applets are different from applications? Build an Applet code in
- 9) Java program example.

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.