

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?
- 9) What are Applets? How Applets are different from applications? Build an Applet code in 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.