

E-3914

B. C. A. (Part - III) EXAMINATION : 2021

(New Course)

Paper Second

Programming in JAVA

(302)

Time : Three Hours]

[Maximum Marks : 80

Note :-All questions are compulsory. Attempt **any two (2)** questions from each unit. All questions carry equal marks.

UNIT-I

- Q.1(a) What is JAVA ? Discuss the genesis of JAVA.
(b) Discuss the overview and features of OOP.
(c) Discuss about the string and string buffer class.

UNIT-II

- Q.2 (a) Write a JAVA program to sort the element of one dimensional Array in descending order.
(b) Describe the control statement using in JAVA.
(c) Write a JAVA program to check that the given string is palindrome or not.

UNIT-III

- Q.3 (a) What is method overloading ? Write a java program to illustrate method overloading.
(b) Discuss the member accessibility modifier.
(c) What is garbage collection ? Write a java program to illustrate garbage collection.

UNIT-IV

- Q.4 (a) What is package ? Write a JAVA program for create a package and one package will import another package.
(b) Write short notes on nested class.
(c) Discuss the exception handling using in JAVA.

UNIT-V

- Q.5 (a) Write a java program for suspending, resuming and stopping threads.
(b) Write a JAVA program to illustrate byte and character stream.
(c) Write short notes on JDBC.
