

Roll No.

Y – 3642

B.C.A. (Fourth Semester) EXAMINATION, May/June-2021

Paper – 405

PROGRAMMING IN JAVA

Time : Three Hours

Maximum Marks : 80

Minimum Pass Marks : 32

Note—Attempt *all* questions.

Unit-I

1. (a) Explain the type and feature of java with example. 8
- (b) How many Data types use in java programming ? 8

Unit-II

2. (a) What is object-oriented programming in java ? Explain with example. 8
- (b) What is difference between constructor and destructor ? Write a program to demonstrate constructor overloading. 8

Unit-III

3. (a) What is one dimensional and two-dimensional array ? Explain with example. 8
- (b) Write a program to sort an array of size 6. 8

Unit-IV

4. (a) What is the fundamental step of exception handling ? Explain it. 8
- (b) Write a simple program to perform all arithmetic operation using try and catch block. 8

Unit-V

5. Explain Applet life cycle and architecture. Write a one program of applet. 16

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