

Roll No. : .....

Total No. of Questions : 11 ]

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# SCA-268

## B.C.A. Part-III Due of Part-II (Supplementary) Examination, 2022

### JAVA

Paper : BCA - 203

*Time : 1½ Hours ]*

*[ Maximum Marks : 70*

#### Section-A

**(Marks : 2 × 10 = 20)**

*Note :-* Answer all *ten* questions (Answer limit **50** words). Each question carries **2** marks.

#### Section-B

**(Marks : 4 × 5 = 20)**

*Note :-* Answer all *five* questions. Each question has internal choice (Answer limit **200** words). Each question carries **4** marks.

#### Section-C

**(Marks : 10 × 3 = 30)**

*Note :-* Answer any *three* questions out of five (Answer limit **500** words). Each question carries **10** marks.

#### Section-A

1. (i) What is Variables ?
- (ii) Explain data type in Java.
- (iii) What is Constructor ?

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- (iv) Explain Instance.
- (v) Explain Visibility Controls.
- (vi) What is Method Overriding ?
- (vii) What is Exception Class ?
- (viii) What is Thread Priority ?
- (ix) Explain check box in Java.
- (x) What is the use of labels in Java ?

**Section-B**

2. Explain the Java Keywords.

*Or*

Write down the difference between constants and variables.

3. Explain constructors in Java.

*Or*

Explain the class variables with examples.

4. What is Inheritance ?

*Or*

Explain abstract class with example.

5. Write down the exception classes.

*Or*

Explain life-cycle of Thread.

6. Explain the adding and removing controls.

*Or*

Differentiate Buttons and Check Box.

### Section-C

7. Describe various controls statement available in Java with example.
8. What is Array ? Explain complete description with example.
9. What is Package ? Write down its types and use with example.
10. Explain command line arguments.
11. Explain the following with example :
  - (a) Text field
  - (b) Text area
  - (c) Dialog box
  - (d) Lables