

Annual Examination, 2023

B.C.A. Part III

B.C.A.-302

Paper II

(Programming in Java)

Time : Three Hours]

[MAXIMUM MARKS : 80

Note : *Attempt any two parts from each unit. All questions carry equal marks.*

Unit-I

1. (a) Discuss method and classes in java with example.
- (b) Explain string Buffer class with example.
- (c) Describe the wrapper class with example.

Unit-II

2. (a) Discuss iteration statements in detail.
- (b) What do you understand by multidimensional array ? Explain with example.
- (c) Write a java program to input any number and check whether it is positive, negative or zero number.

Unit-III

3. (a) Write a java program to demonstrate constructor.

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- (b) Explain this() and super() with example.
- (c) Discuss member accessibility modifier in brief.

Unit-IV

4. (a) What is an interface ? Explain with example.
- (b) Write a java program to demonstrate nested class.
- (c) Define exception ? Discuss with example.

Unit-V

5. (a) Define thread ? Discuss the thread priority with example.
- (b) Write a java program for reading and writing from console.
- (c) How you set the JDBC connectivity with backend datbase ?

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