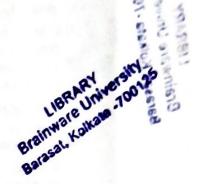




## **BRAINWARE UNIVERSITY**

Term End Examination 2023-2024
Programme – BCA-2022
Course Name – Programming in JAVA
Course Code - BCAC302
( Semester III )



Full Marks: 60

Time: 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

## Group-A

(Multiple Choice Type Question)

1 x 15=15

- 1. Choose the correct alternative from the following:
- (i) What is the purpose of the Scanner class in Java I/O?
  - a) To print output to the console.
- b) To read and parse input from various sources.

c) To manage file streams.

- d) To create graphical user interfaces.
- (ii) What does the length property of an array in Java represent?
  - a) The number of elements in the array.
- b) The maximum value of the elements in the
- c) The sum of the elements in the array.
- d) The average value of the elements in the array.
- (iii) What does the null value represent in Java?
  - a) A value of zero.

- b) An empty string.
- c) The absence of a value or a reference to no
- d) A value of infinity.
- (iv) What should be expression1 evaluate to in using ternary operator as in this line? expression1? expression2: expression3
  - a) Integer

b) Floating - point numbers

c) Boolean

- d) None of the mentioned
- (v) Which of these methods can be used to convert all characters in a String into a character array?
  - a) charAt()

- b) both getChars() & charAt()
- c) both toCharArray() & getChars()
- d) all of the mentioned
- (vi) Identify Which of these keywords can be used to prevent inheritance of a class?
  - a) super

b) constant

c) class

- d) final
- (vii) Which of these constructors is used to create an empty String object?
  - a) String()

b) String(void)

OR

What do you mean by Garbage Collection?

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