



**DJ-003-003407**

Seat No. \_\_\_\_\_

**B. C. A. (Sem. IV) (CBCS) (WEF-2019) Examination**

**March - 2022**

**CS-19 Programming with JAVA**

*(Old Course)*

**Faculty Code : 003**

**Subject Code : 003407**

Time :  $2\frac{1}{2}$  Hours]

[Total Marks : 70

- Instructions :** (1) All questions carry equal marks.  
(2) Attempt any five of the following questions.

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|---|--|----|
| 1 | Write a note on :  | 14 |
|   | (A) History and Features of Java.                                |    |
|   | (B) Primitive data types.  |    |
| 2 | Explain with example Looping Statements.                         | 14 |
| 3 | Explain OOP Concepts with detail.                                | 14 |
| 4 | What is inheritance ? Explain types of inheritance with example. | 14 |
| 5 | Explain with example String Tokenizer Class.                     | 14 |
| 6 | Explain with example :   | 14 |
|   | (A) Threes keyword in Exception Handling.                        |    |
|   | (B) Thread Life Cycle.   |    |

- 7 Explain with example : 14  
(A) Buffered Reader Class.  
(B) File Input Stream Class.
- 8 Explain Applet Life cycle with all methods syntax. 14
- 9 Explain with example. 14  
(A) Border Layout Class.  
(B) Jradio Button class in swing.
- 10 Explain Event Delegation Model with example. 14
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