## Vivekananda College of Engineering & Technology, Puttur

[A Unit of Vivekananda Vidyavardhaka Sangha Puttur ®] Affiliated to VTU, Belagavi & Approved by AICTE New Delhi

CRM08 Rev 1.10 CSE 10/05/2022

## CONTINUOUS INTERNAL EVALUATION - 1

|                | ME/CV/EC         | Sub:Programming in JAVA | S Code:18CS653 |
|----------------|------------------|-------------------------|----------------|
| Date:18/05/202 | Time: 9:30-11:00 | Max Marks: 50           | Elective: Y    |

Note: Answer any 2 full questions, choosing one full question from each part.

| C | N | Questions   | Marks | RBT | CO's |
|---|---|---|-------|-----|------|
|   | , | PARTA   |       |     |      |
| 1 | a | What are Keywords and Identifiers? List the rules to write an identifier.         | 10    | L2  | CO1  |
|   | b | Explain Control Statements in detail.   | 10    | L2  | CO1  |
|   | c | "Java is strongly typed language" Justify the statement.                          | 5     | L3  | CO1  |
|   |   | OR  |       |     |      |
| 2 | a | Explain Scope and Life time of variables with example.                            | 10    | L2  | CO1  |
|   | ь | How to build and run java program? Explain it with an example                     | 10    | L2  | CO1  |
|   | c | Write a Java program to add two numbers   | 5     | L3  | CO1  |
|   |   | PART B  |       |     |      |
| 3 |   | Explain Encapsulation, Inheritance, Polymorphism, with example.                   | 10    | L2  | CO1  |
|   | b | Explain features of JAVA  | 10    | L3  | CO1  |
|   |   | Write a short note on automatic type conversion and type casting with an example. | 5     | L2  | CO1  |

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| 4 a Explain different types of array declaration. Write a program to add two matrices.        |           |    |     |
|---|-----------|----|-----|
| b Explain key attributes of Java programming lang<br>Discuss various data types used in Java. | guage. 10 | L3 | CO1 |
| c Explain type promotion rules with an example  | 5         | L2 | CO1 |

Prepared by: Swapnalaxmi.K/Supriya A V

HOD