**SPRINGBOOT**

**OBE Exam Notification**

**Date:** 07-05-2025  
**Time:** 3:30 PM to 04:20 PM  
**Venue:** CLASS ROOM

**Instructions for Students:**

1. **Preparation Materials:**
   * Module 5 material has been uploaded to the ERP system.
   * Download the material, take a printout, and prepare thoroughly.
   * Students are permitted to carry this printed material during the test.
2. **Prohibited Items:**
   * **Strictly no mobile phones or laptops are allowed** during the exam.
   * If found using any prohibited device, students will receive **zero marks** for the OBE exam.
3. **Exam Details:**
   * The exam is for **10 marks**.
   * Students must bring:
     + A4 sheets for writing the answers.
     + A **front cover page** to attach to the answer sheets.
   * **No additional materials** will be provided during the exam.
4. **Submission:**
   * After the exam, submit your answer sheets to your respective subject handler.
   * **Absentees will be awarded zero marks.**

**Questions: [ any 2 questions]**

* **Design** a reactive Spring Boot application using MongoDB that stores and retrieves book details in a library system.
* **Critically evaluate** the pros and cons of using MongoDB vs Cassandra in reactive applications.
* **Differentiate** between ReactiveMongoRepository and ReactiveCassandraRepository with examples.
* **Write** a Spring Boot configuration for enabling a reactive Cassandra connection.
* **Define** reactive programming. How is it different from traditional synchronous programming in the context of data persistence?

**COURSE COORDINATOR**

**Dr.GOKULAKRISHNAN.S**