

Roll No. \_\_\_\_\_

B. E. Computer Science and Engineering

**Bridge Course**

CS23201 – Object Oriented Programming - Lab Component

Date: 11.05.2026

Max. Marks: 20

Max. Duration: 45 minutes

1. . Implement the following to maintain the system that handles patient records and medical billing.

- A. **Static Function & Member:** A static count of occupiedBeds. A static function to broadcast an "Emergency Protocol" to all patient objects.
- B. **Function Overloading:** Overload assignDoctor(). One takes a DoctorID, another takes a SpecialtyName.

2. Implement a program to perform the following operations: `int Total-population = A` , for each District Where A is an object of class Population with members, District-id, name, No.of male & No.of female. Also find the total population of a State.

CSE Bridge Course - OOP lab Assessment