**National College (NIST)**

**2021**

Bachelor Level /III-Semester / Science Full marks: 40

Object Oriented programming in JavaPass marks: 16

Code no: CACS204 Time: 2 hours

*Candidates are required to give their answers in their own words as far as practicable*.

**Attempt all questions: [8x5 =40]**

1. Define OOP. Explain Features of object-oriented programming language. [1+4]
2. Explain different types of control statements in java .[5]
3. Define Access modifier. Explain access modifiers in java with example. [1+4]
4. Explain the operators available in java programming. [5]
5. Define access modifier. Explain access modifiers in java with examples. [5]
6. Why it is important to handle exception in java? Explain terms class, child class and parent class. [2+3 =5]
7. Define Abstract class? Differentiate between class and interface with suitable example. [1+4]
8. What is encapsulation? Write a java program to print the sum of n natural numbers. [1+4]

\*\*\*All the best \*\*\*\*