**MATHENGE TECHNICAL TRAINING INSTITUTE**

**END TERM 1 EXAMINATION 2020**

**OBJECT ORIENTED PROGRAMMING**

**CLASSES: J20DICT M2.**

**INSTRUCTIONS: Answer all the questions.**

1. Define the following terms
2. Class
3. Object
4. Abstraction
5. Encapsulation
6. Polymorphism
7. Inheritance

12mks

1. State three rules for naming an identifier. 6mks
2. Write a program that prompts the user to key in two integers, the program should then compare the two integers and return the greater one. 5mks
3. Write two programs that perform the same task. Use the For Loop in the first program and Do While in the second. 10mks.
4. Write a program that uses a function to return the product of two integers. The program should be interactive. 7mks
5. Write a program that accepts students’ marks as input, the program should then determine and output grade either as Fail, Pass, Credit or Distinction. 10mks