

TAKORADI TECHNICAL UNIVERSITY

FACULTY OF SCIENCE

COMPUTER DEPARTMENT

HND INFORMATION COMMUNICATION TECHNOLOGY

C++ RE-SIT/SUPPLEMENTARY EXAMINATIONS 2023

COURSE: C++ PROGRAMMING LANGUAGE

COURSE CODE: ICT 111

DECEMBER 2023

TIME: 2 HOURS

INSTRUCTION: ANSWER ALL QUESTIONS

1.
 - i. Write an algorithm and draw a flowchart for calculating area of a circle. **15 marks**
 - ii. Using C++, write a program to perform the question 1(i). **10 marks**

2. Write a C++ code to multiply the figures underlined.
int rich[7] = { 5, 4, 8, 18, 6, 21, 56}; **10 marks**

3. Explain the ff errors as related to Programming: **15 marks**
 - i. Syntax
 - ii. Run-time
 - iii. logic

- iv. Write a program to print number from 10 to 15 using the while loop **15 marks**

4.
 - i. State three(3) differences between compilers and interpreters **15 marks**
 - ii. State any five(5) data types you know. **10 marks**

5. Define the following terms in relation to programming. **20 marks**
 - i. Flowchart
 - ii. Array
 - iii. Algorithm
 - iv. Assembler
 - v. Programming Language

GOOD LUCKS Sir RICH