

UNIVERSITY OF DAR ES SALAAM

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

IS 136: TEST ONE

Time: 50 Mins

Instructions:

Attempt all questions. This test carries a total of 15 marks.

Question One:

Briefly explain the difference between the following terminologies as applied to C programming, provide example to support your explanation

- a) Variable vs. Constant
- b) Relational operators vs. Logical operators
- c) Counter controlled vs. Event controlled loops

Question Twe:

i) Identify errors in the following C code segments.

NOTE: There may be more than one error for each segment.

ii) Establish output of the following C code segments.

Write a C program which accepts an odd integer number between 500 and 1000 from user and prints factorial of the provided number. Your program should print "Invalid Number" it user enters non-odd or out of range nuraber.