



OLUSEGUN AGAGU UNIVERSITY OF SCIENCE AND TECHNOLOGY (OAUSTECH), OKITIPUPA
SCHOOL OF SCIENCE, MATHEMATICAL SCIENCES DEPARTMENT
CSC 102 – INTRODUCTION TO COMPUTER PROGRAMMING (3 UNITS)
2019/2020 Second Semester Mid-Test. Time Allowed 15 Minutes **Attempt All Questions.**
Total Mark Obtainable is 15.

NAME: _____ MATRIC NO: _____
COURSE OF STUDY: _____ INDEX NO: _____

	A	B	C	D		A	B	C	D		A	B	C	D		A	B	C	D		A	B	C	D
1				4					7					10					13					
2				5					8					11					14					
3				6					9					12					15					

- Every Q-BASIC program should have the following rules except? a. Every program statement must begin with line number.
b. Every program should end with an END statement c. Every program must follow a constant format.
d. There should be no repetition of lines.
- Algorithm should have the following characteristics except? a. one entry /exit b. should be general c. should be finite d. should be static
- Running of QBASIC program is made available through the use of ____ a. Assembler b. Interpreter
c. Compiler d. Conversion
- The statement used to assign values to a variable is ____ a. INPUT b. PRINT c. LET d. READ
- Which of the following is a non-executable statement? a. INPUT b. PRINT c. REM d. LET
- Looping is ____ a. executing a part of a program more than once b. executing part of a program over and over again endlessly c. repeatedly executing a set of instructions a number of times d. executing a program more than once
- Which command is used to display pixels on the screen? a. PIXEL b. PSET c. SCREEN d. None of these
- Which command produces sound of a specific frequency for a specific duration of a speaker? a. BEEP
b. SOUND c. CLS d. None of these
- FOR NEXT statements a. allows executing a program a certain number of times b. is to re-direct a statement c. is used to execute a series of instructions at a specified number of times in a loop.
d. is unconditional branch statement
- IF THEN...ELSE... ____ a. True...False b. True...True c. False...True d. False...False
- A type of search algorithm is ____ a. Denary b. Binary c. Octal d. Denary
- One advantage of Quicksort is that ____ a. It is very fast b. It consumes a lot of memory c. It is very slow
d. It is longer than others
- The user runs the following program and enters in turn the values 7, 14 and 5 when prompted. What will be the result?

```
INPUT NUM_1  
INPUT NUM_2  
INPUT NUM_3  
NUM_4 = NUM_1 + NUM_2 * NUM_3
```

a. 26 b. 133 c. 105 d. 77

- This expression $(a+b)^3$ can be written in BASIC as follows: a. $(a+b)^3$ b. $(a+b) * (a+b) * (a+b)$
c. $(a+b) X (a+b) X (a+b)$ d. Both A and B
- QBASIC is an acronym for ____
a. Quick Beginner's All-purpose Symbolic Instruction code
b. Quick Beginners All-purpose Symbolic Instruction code
c. Quick Beginners' All-purpose Symbolic Instruction code
d. Quick Beginners All-purpose Symbolic Instruction code