



NATIONAL OPEN UNIVERSITY OF NIGERIA
UNIVERSITY VILLAGE, PLOT 91, CADASTRAL ZONE, NNAMDI AZIKIWE
EXPRESS WAY, JABI, ABUJA
DEPARTMENT OF COMPUTER SCIENCE
FACULTY OF SCIENCE
2020_1 SEMESTER

COURSE: CIT 351 – C# PROGRAMMING

CREDIT UNIT: 2

TIME ALLOWED: 2 HOURS

INSTRUCTIONS: ANSWER QUESTION 1 AND THREE (3) OTHER QUESTIONS

1) (a) Explain the following:

- (i) Namespace (2 mark)
- (ii) Statement (3 marks)

1b) Enumerate the steps involved in building and running the following:

- (i) HelloGUI.cs (3 marks)
- (ii) Console Application (3 marks)
- (iii) Code Library (3 marks)

(c) Summarise the process of compiling the GUI application (5 marks)

(d) Briefly explain the console application and give one sample (6 mark)

2) (a) Give an overview of the concept of VS.NET (3 marks)

(b) Describe the common template types in VS.NET (12 marks)

3) (a) Explain the basic rules that apply to C# code syntax (6 marks)

(b) Analysed any 9 primitive types in C# and their corresponding aliases (9 marks)

4) (a) Identify the steps involved in building:

- (i) Code Library (4 marks)
- (ii) An app to test a code library (4 marks)

(b) State the similarities and difference between ‘Building a Code Library’ and ‘Building an App to Test a Code Library’ (7 marks)

5) (a) What is the role of operators in C# (2 marks)

(b) Defends how to modify precedence of operators (3 mark)

(c) With the aid of a table outline 10 (ten) operators categories used in C# (10 marks)