Chapter 6 – Programming

1) State the long form of:

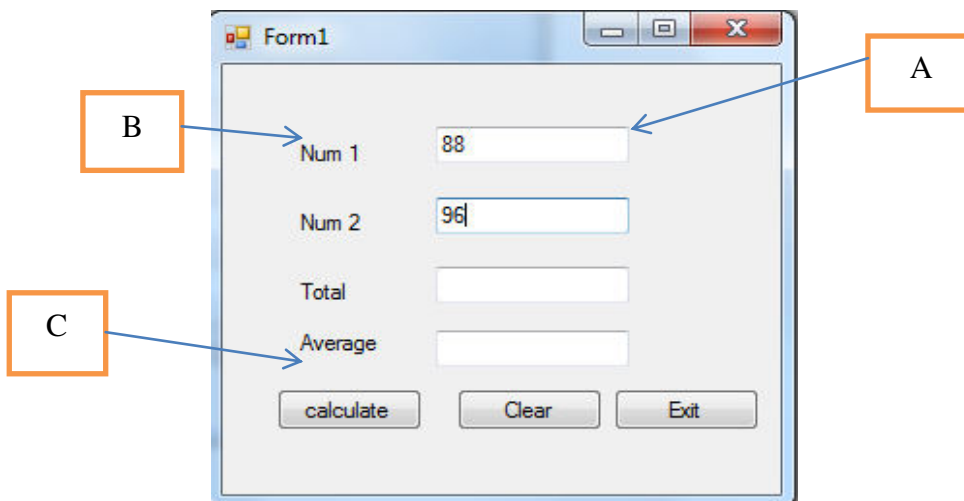   I.   IDE _____

    II.   GUI _____

2) What is the purpose of an IDE?

_____

_____

3) Given below is a table consisting of object. Fill in other two blank spaces given.

Object	Prefix	Example
Form		
Button		
Label		
Text		
Menu		
Checkbox		
Option/Radio Button		

4) Study the diagram given below

Label the type of controls used in Visual Basic form above.

5) What is the difference between label and textbox?

_____
_____
_____

6) What is the difference between check boxes and Radio button?

_____
_____
_____

7) Study a program for Land Transport Authority - Fiji that asks the traffic officer to enter the speed of the car in a textbox and then displays the following fine messages in a label.

Car Speed	Fine Message
<= 50	There is no Fine. You are a good driver.
51-64 (inclusive)	Please slow down. Your fine is $15.00
65 – 79 (inclusive)	Your fine is $80.
>80	Your fine is $200 and your license is suspended for 1 year

Sketch the user interface (Provide appropriate names for the controls)?

8) Design a user interface that accepts two numbers from the user via different textboxes (txtNum1, txtNum2) and computes their sum. The results should be displayed in a label (lblAnswer) when the (btnsum) is clicked. Label the interface with appropriate names.