**Department of Computer Science**

**Final Exam Summer 2020**

Subject: **Visual Programming Time: 9 Am to 12:00 Am**

**BS (CS,SE)** Instructor: M.Ayub Khan

***Note:***

***At the top of the answer sheet there must be the ID, Name and semester of the concerned Student.***

***Students must have to provide the output of their respective programs. Students have same answers or programs will be considered fail. Programs in C# and codes should be explained clearly.***

***As this assignment is online so incase of any ambiguity my Whatsapp no. is 03449121116.***

Q1. a. What is decision making in C # explain with the help of flow charts?

 b. Write a program in C # in which different genders are to be separated

 based on user input? (Hint: Like M for Male).

Q2. a. What is the role of “**If else if**” in decision making explain with the help of a

 flow chart ?

 b. Write a program in C # in which different weather conditions are

 mentioned? (Hint: 48 C is too hot).

Q3. a. What is the role of Loops in C# explain with the help of a flow chart?

 b. How many loops are supported by C #, give separate example for each

 loop?

Q4. Why do the developers prefer for loops instead other loops justify your

 answer with the help of an C # coded program ?

Q5. a. What is encapsulation and its role in object oriented programming ?

 b. Why access specifiers are used in encapsulation justify your answer with the help C # coded example ?