

W-3243(A)**M.Sc. (Fourth Semester) Examination, (Second Chance) June-2020****COMPUTER SCIENCE****Paper - 406****Window Programming and VC++***Time : Three Hours**Maximum Marks : 85**Minimum Pass Marks : 29***Note :** Attempt **all** the questions.**Unit-I**

- Q.1. Explain a minimal windows program structure with suitable example. Also write step-by-step process to create a window.

Unit-II

- Q.2. Build a form which accepts the following details.

Enrolment No.

Student Name

Age

Sex

City

Phone

and the results should be saved in a text file called "Studetail.txt". By using random and binary file access. Method to read, write and delete the records in a file.

Unit-III

- Q.3. Build a form, which accepts the following details.

Empid

Ename

Basic salary

Grade

HRA

Allowance

the user is allowed to enter the following data.

Empid

Ename

Basic Salary

Grade

HRA is 40% of basic salary. Allowance is 500 for Grade I 1000 for Grade II.

Develop a DLL to calculate the net salary.

Unit-IV

- Q.4. Explain following in detail with suitable examples.

i) Control statement in VC++

ii) Data types

iii) Objects

iv) Pointer

Unit-V

- Q.5. Develop a MFC VC++ application to load a background image (BMP) and erase the image with the other image.

