



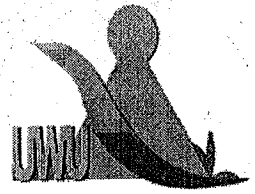
Uva Wellassa University, Sri Lanka

End Semester Examination – June 2009

CST 323-2 Computer Programming and Application

Laboratory

Time: One and half hour (1 ½)



Total 02 Questions

Part C: Answer all Questions

PART – C

1. The salary of salesmen is computed by adding commission to his basic salary. Marks(40)
Commission is depends on the basic salary and sales amount. The rate of commission is computed according to the following criteria.

Sales Amount	Commission
>>50000	25% of basic salary
>>40000	20% of basic salary
>>30000	15% of basic salary
>>20000	10% of basic salary
>>10000	5% of basic salary

Write a C++ program to read basic salary and sales amount and then to compute the gross salary. The program should print all inputs and computed values.

Hint: Gross salary= Basic Salary + Sales Amount*Commission Rate (Marks 40)

2. Uva Wellassa library has a reading program to encourage reading for the month of literature. The staff keeps a chart with reader's names and bonus points earned for the number of books read. Create a project using a menu and a function procedure that will determine the bonus points. Marks(60)

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Form: Use text boxes to obtain the reader's name and the number of books read. Use a label to display the number of bonus points. The File menu contain Points, Summary, Exit menu items, Edit menu contain Clear, Font , Color menu item, Help menu contain About menu item. The "*points* " menu item should call a function procedure to calculate the points using this schedule: the first three books are worth 10 points each. The next three books are worth 15 points each. All books are over six are worth 20 points each.

The "Summary" menu item displays the average number of books read for all readers that session. The "Clear" menu item clears the name, the number of books read and the bonus points and then reset the focus. The "Color" and "Font" menu items change the color and font of the information displayed in the bonus *points* label. Use a message box to display the program name and your name as programmer for the "About" option on the Help menu.