



EASTERN UNIVERSITY, SRILANKA

THIRD EXAMINATION IN SCIENCE

THIRD YEAR FIRST SEMESTER-2004/2005 (Nov./Dec.,2006)

CS351-Computer Graphics

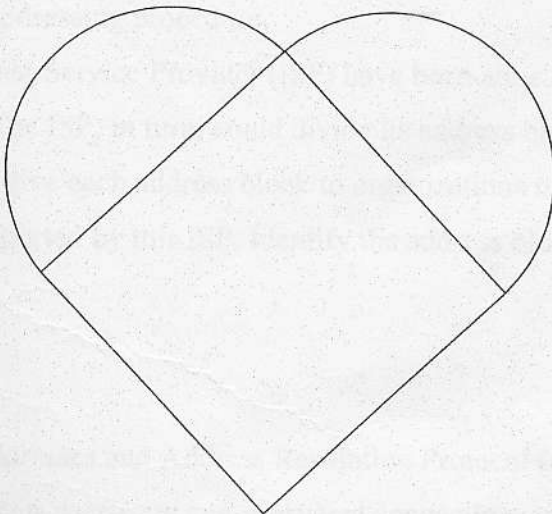
[Special Repeat]

Answer all questions

Time: 2Hour

Q1)

- Write a C++ function to draw a circle located as (X_c, Y_c) with radius r using **midpoint circle technique**.
- Write a C++ function to draw unfilled shape shown below with a specified radius for the half circles at the sides of the square.
- Write a main program to test your functions.



Note:

- Write comments in necessary places and use meaningful identifiers in your program.
- Save your program as **A:\Q1\CS351_Q1.CPP**.