Student ID: **Full Marks: 20**
Name: **Duration: 20 minutes**

[No extra sheet will be provided. Write your answer to the questions in this answer script.]
[Marks allocated to each question is given in the statement of corresponding question.]

To answer some of the following questions, you will need four variables **A**, **B**, **C** and **D** which are sequentially the first, second, third and fourth pair of digits from the left in your student ID.
For example, if your ID is 15101208, then A= 15, B= 10, C= 12 and D= 8.

1. Find the zone of the the line having endpoints (A,B) and (C,D) [5]
2. Find six pixels of a circle having center (A,-B) and radius D in zone 5 using midpoint circle drawing algorithm. [15]