

Semester: Summer 26
time: 40 minutes

Quiz: 3
Name :

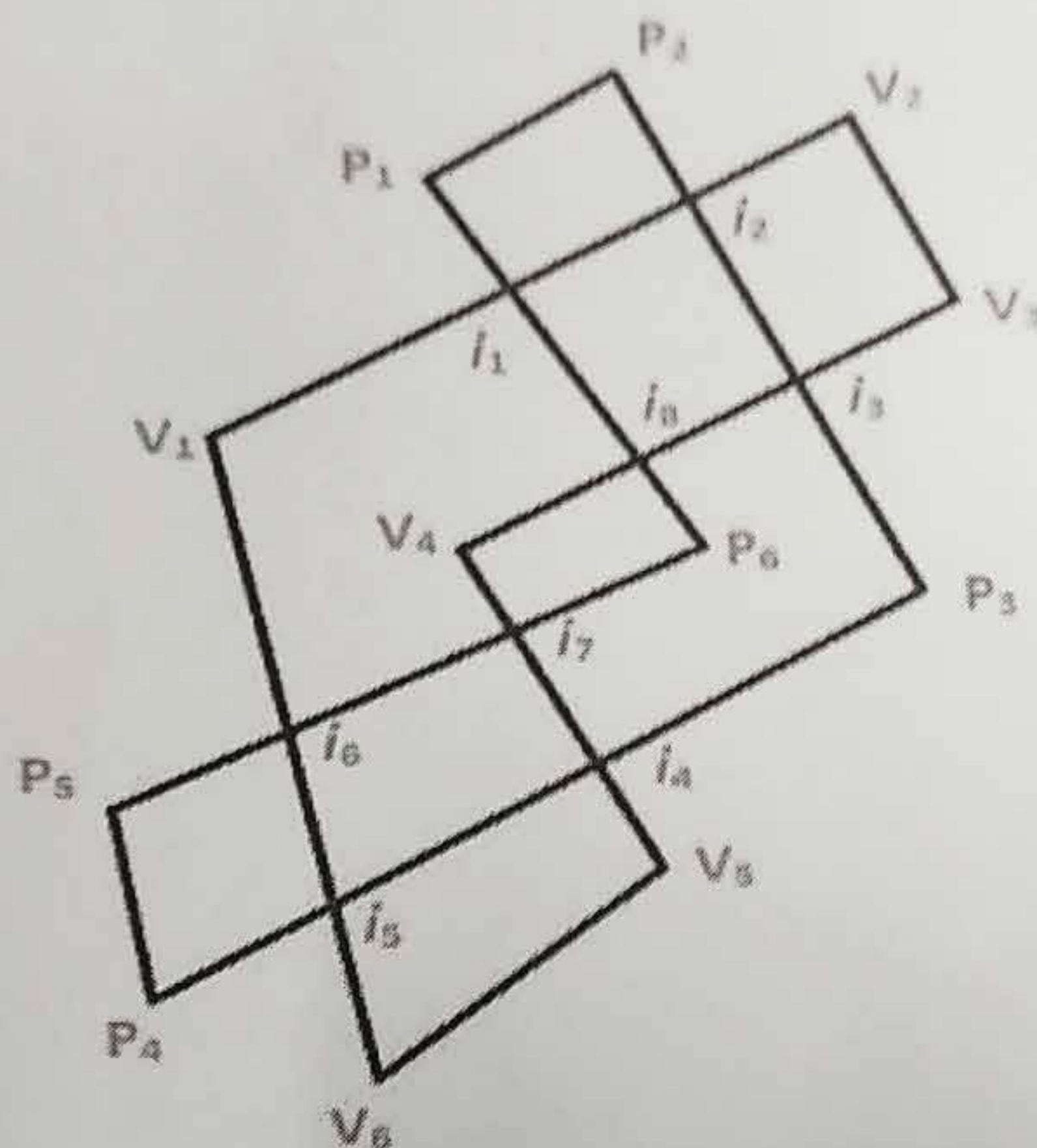
Date:
Student ID:

Time: 40 Minutes

[Answer All the following questions]

Marks: 15

Q1. Let $V_1 V_2 V_3 V_4 V_5 V_6$ be the clipping window and $P_1 P_2 P_3 P_4 P_5 P_6$ be the polygon. Now construct the clipped polygon using appropriate polygon clipping Algorithm. Show all the steps and explain the reason for choosing the algorithm. [9]



Q2. A raw image is 8 MB, and after compression it becomes 2 MB. [6]

1. Find the compression ratio.
2. Find the percentage reduction in file size.
3. Find the relative redundancy.