1 Calculation (20 marks)

1. 256 bytes (4 marks)
2. 8 bits (4 marks)
3. 4 marks each

   First level: 2 bits Second level: 3 bits Offset: 3 bits

2 Address Translation (50 marks)

- 51 is mapped (5 marks) and its physical address is 43 (10 marks)
- 72 is not mapped (10 marks)
- 172 is mapped (5 marks) and its physical address is 68 (10 marks)
- 200 is not mapped (10 marks)

3 Page Mapping Setup (30 marks)

10 marks for each segment

• PFN@PT=10

• PFN@PT=11

7 [ ]

• PFN@PT=12

PT@ PFN=12

0	
	8
7	9