

- 6 (a) The processor uses several registers, including the Accumulator (ACC) and the Current Instruction Register (CIR).

Complete the table by describing the role of each register.

Register	Role
ACC	..... .....
CIR	..... .....

[2]

- (b) Increasing the number of cores in a processor can affect the performance of a computer.

Describe the drawbacks of increasing the number of cores in a processor.

.....  
.....  
.....  
..... [2]

- (c) State **three** differences between Dynamic RAM (DRAM) and Static RAM (SRAM).

1 .....  
.....  
2 .....  
.....  
3 .....  
.....

[3]