### 1. Fill in the blank, Fetch \_\_\_\_\_\_ execute cycle

Circle the correct answer

- Encode

- Decode

- Process

- Performance

### 2. Which of the following can CPU speed be measured in:

Circle the correct answers

- Hz

- MHz

- GHz

- All of the above

### 3. A CPU is 2Hz, how long does it take to execute 100 FDE cycles

Circle the correct answer

- 100 seconds

- 200 seconds

- 50 seconds

- 2 seconds

### 4. Which CPU below would execute 10 FDE cycles the fastest

Circle the correct answer

- 1 core @ 3Hz

- 2 cores @ 2Hz

- 5 cores at 2Hz

- 2cores @ 1Hz

### 5. What is the benefit of multiple cores?

### 6. Describe what CPU cache is used for