

Quiz 1C

رقم الشعبة: 1

رقم التسجيل:

الاسم:

=====

**Instructions:** Time **10** minutes. Closed books and notes. No calculators. Please answer all problems in the space provided. **No questions are allowed.** *Two marks for each problem.*

<Good Luck>

**Q1.** What is the cost per die as function of the cost per wafer and yield?

$$\text{Cost per die} = \text{Cost per wafer} / (\text{Dies per wafer} * \text{yield})$$

**Q2.** What is SPEC CPU?

**SPEC CPU is a benchmark suite from System Performance Evaluation Cooperative (SPEC) that concentrates of evaluating the CPU performance.**

**Q3.** How the geometric mean is computed?

$$\bar{x} = \sqrt[n]{\prod_{i=1}^n x_i}$$

**Q4.** What is CINT2006?

**A subset of SPEC CPU 2006 benchmark that has integer applications.**

**Q5.** What is CFP2006?

**A subset of SPEC CPU 2006 benchmark that has floating-point applications.**