

TESTS and QUIZ IN CH1012

- There are two tests and one quiz.
Each test is worth 14% \Rightarrow 28%. The quiz is worth 5%.
Combined the quiz and tests give you 33% of your overall CH1012 grade.
- The first part of each test is multi-choice and covers general concepts - up to and including material in the week before the test. This component is worth around 33% of the test.
- In Test 2 only material that wasn't included in Test 1 will be covered in the multi-choice.
- The second part of each test involves short answer questions and is worth around 67% of the test grade.
- Material covered in the tests in the short answer sections will not be covered in the short answer section of the final exam. (N.B. it may be covered in the multi-choice section of the final exam.)

CH1012

Test 1

10 / 4 / 2007

During Lecture session on Tuesday.

The following subject areas will be examined only in this test :

- 1) Periodic table, bonding, electronic configurations
- 2) Colloids – structure / function / properties;
- 3) The spectrochemical series and crystal field splitting effect;
- 4) Redox / metathesis chemistry including balancing redox equations;
- 5) Materials chemistry (alloys, network solids, ceramics).

CH1012

Quiz 1

27 / 4 / 2007

A take home quiz given to you on Tuesday 10/4 and due on the 27/4. This quiz will require you to use library material held in reserve (you must sign to show you have used this material).

CH1012

Test 2

29 / 5 / 2007

During Lecture session on Tuesday.

The following subject areas will be examined only in this test :

- 1) Phase equilibria descriptive question, phase diagrams, distillation, heating cooling curves.
- 2) Organic nomenclature;
- 3) Polymers / steroids / terpenes;
- 4) Reaction mechanism terminology & diagrams / Organic redox chemistry
- 5) Electrophilic addition detailed mechanism - alkenes and alkynes.