

CHEMISTRY 4466b, 2009
FINAL EXAM PREPARATION

The final exam is worth 40% of the course mark.

The exam questions will be as follows:

- (20%) 1. Briefly summarize the contributions, experimental and/or conceptual, of 5 of the following 7 individuals to the chemistry of the time.

seven individuals will be named

- (20%) 2. Discuss the origins of 5 of the following 7 concepts or terms in chemistry, and the relevance of each to the chemistry of the time.

seven terms/concepts will be given

- (15%) 3. Discuss, with emphasis on his experimental findings and theoretical conclusions, the contributions of one of the following individuals to the development of chemistry.

two individuals will be named

- (15%) 4. For one of the following statements, indicate how it applies to the development of the chemical concepts involved, and explain the extent to which you agree or disagree with the opinion offered.

two judgmental statements (about some issues in the history of chemistry) will be given

- (15%) 5. Choose appropriate examples from Chem 4466b to support or challenge one of the following (mis)perceptions of the science of chemistry.

two popular conceptions of the way chemistry progresses will be given

- (15%) 6. A statement will be given which presents one person's view of the way science is performed by individuals. Using the science and career of the person you chose for your class presentation as an example, discuss the extent to which this generalization is valid or not.