

University of South Australia
School of Geoinformatics, Planning & building

SEMESTER 2 EXAMINATION 2000
Construction & Fire Engineering 2n (Construction Component)
(10276)
Building Construction & Materials 7 (05476)

Instructions to Candidates:

Time for the examination: 2 hours
Open book examination ie references allowed.
All questions are of equal value
All questions must be attempted
Examiner: Assoc. Prof. George Zillante

Question 1. (20 Marks)

Discuss the major differences between the Construction Industries of the United States of America (USA) and Australia.
What lessons, if any can Australia learn from the United States Construction Industry?

Question 2. (20 Marks)

Discuss what you believe are the critical issues facing the concept of Quality Assurance for the Construction Industry of the future? Relate your answer to your own experience wherever possible.

Question 3 (20 Marks)

Transfer structures & Civil Engineering Construction have many similarities. Discuss these similarities and give examples of their use in the Construction Industry.

Question 4 (20 Marks)

The Construction Industry of the future will be significantly different from the Industry as we currently know it. Discuss what you believe will be the major differences and outline how your Country can position itself to take advantage of these differences.