

**UNIVERSITY OF SOUTH AUSTRALIA
SCHOOL OF NATURAL & BUILT ENVIRONMENTS**

PROGRAM: Bachelor of Construction Management & Economics (Hons)

COURSE: Development Law (Building Component of JUST 4002)
Statutory Controls 2 (BUIL 5013) Formerly 05472

EXAMINATION: Internal & External Exam, Study Period 2, 2005

DURATION: 2 Hours of Exam time preceded by 10 minutes of Reading
Time ie a total of **2 Hrs 10 Mins**.
For **ENTEXT** students, 10 minutes of Reading time plus 2 Hrs
20 Mins of Examination time ie a total of **2 Hrs 30Mins**

EXAMINER: Assoc. Prof. George Zillante (Tel (08) 8302 2379)

REVIEWER: Sam Baroudi

INSTRUCTIONS TO CANDIDATES:

- This exam is worth 50% of the Building component
- **You must answer question 1** and any **two** of the remaining **3** questions so that a total of **3 questions** is answered.
- The value of each question is noted adjacent to the question
- Open Book examination ie references permitted
- State any assumptions made

NOTES FROM EXAMINER: Nil

Question 1 (COMPULSORY) (60 Marks)

“The Building Code of Australia is nothing more than a waste of time. It is not a simple “one stop shop” document and, as soon as someone wants to build something that is a little bit different, the Code requires you to use Performance measures or to resort to complex Australian Standards that are beyond the capability of the average Architect.”

Discuss the above statement made by a prominent Adelaide Building Surveyor. Indicate whether you agree or disagree with the statement and illustrate your answer with examples.

Question 2 (20 Marks)

Discuss the circumstances that must be established in order to determine the Type of Construction that a Building requires and why buildings are designed (pursuant to the BCA) to different levels of construction. Illustrate your answer with examples.

Question 3 (20 Marks)

Discuss what you consider to be the most important fire fighting equipment that should be installed in a 30 storey office building.

Question 4 (20 Marks)

Discuss what you consider to be the most important issues that need to be addressed in a building containing an Atrium.

(End Of Questions) Total Marks Available (100 Marks)