

**DEVELOPMENT LAW [Building Component] 10282  
and  
STATUTORY CONTROLS 2 05472**

**EXAM: SEMESTER 1, 2000**

**TIME : 2 HOURS**

Examiner G.Zillante

**Instructions**

Write your name on the examination book

Read through the questions carefully before answering

**You must answer all questions**

Marks for each question are shown

Open book examination [all references permitted]

This exam paper has three pages.

<p><b>Write short answers ( one or two paragraphs) to each of the following questions.</b></p>
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**Question 1** 10 marks

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Why are buildings (or parts of buildings) classified differently?

**Question 2** 10 marks

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What is meant by the term “performance based design” as provided for in the BCA 1996?

**Question 3** 10 marks

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How many types of construction are there? What are the main reasons for having different types of construction?

**Question 4**

5 marks

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What is the hierarchy of The Building Control System in South Australia?

**Question 5**

5 marks

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What is meant by the term “rise in storeys”?

**Question 6**

5 marks

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Under what circumstances do openings in external walls need to be vertically separated?

**Question 7**

5 marks

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Under what circumstances must openings in external walls be protected?

**Question 8**

5 marks

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Why does the BCA 1996 provide controls for distance to exits?

**Question 9**

5 marks

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What is meant by the term “fire isolated exit”?

**Question 10**

5 marks

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How are the requirements for smoke hazard management for an office building generally determined ?

**Question 11**

5 marks

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Under what circumstances can external stairways be used as required exits?

**Question 12**

5 marks

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Why are the area and volume of buildings limited?

**Question 13**

5 marks

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What are two of the major reasons to use table D1.13: "Area per person according to use"?

**Question 14**

5 marks

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How is access to a building for people with disabilities generally provided?

**Question 15**

5 marks

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Under what circumstances must lifts be installed in buildings?

**Question 16**

5 marks

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How is it ensured that equipment and safety installations in buildings are maintained?

**Question 17**

5 marks

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What are the main differences between the requirements for external and internal fire hydrants?

\*\*\*\*\*End of Questions\*\*\*\*\*