

**The University of Melbourne
Semester 2 Assessment, 2005**

Department: Architecture Building & Planning
Subject Number: 702-832
Subject Title: Modern Architecture B (PG)

The student is to write the student's name and number in the examination answer booklet.

Exam Duration: 120 minutes

Reading Time: 15 minutes

This paper has: 5 pages

Authorised materials:

No materials are authorised. No published or written material or notes may be taken into the examination.

Instructions to Invigilators:

This paper is only for students enrolled in 702-832 Modern Architecture B (PG). The exam paper may be removed from the examination room.

Instructions to Students:

Assignments completed during the semester and the Visual Examination carry 65% of the marks available in the subject. The examination carries the remaining 35% of the marks.

The allocation of marks in the examination paper are as follows:

Question 1 -	20 marks
Question 2 -	40 marks
Question 3 -	40 marks
Total	100 marks

More than one exam answer book may be used if required.

Lodging of paper with Baillieu Library:

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Answer questions 1 (ONE), 2 (TWO) and 3 (THREE).

- 1. The parts of this question should be answered as briefly as possible. Each part carries 1 mark to make a total of 20 marks for Question 1.**
- a) Who wrote *The New Brutalism* (1966)?
 - b) Within the concept of *Broadacre City*, what was the name of the housing type Frank Lloyd Wright proposed for ordinary citizens?
 - c) Name two schools of architecture with which Ludwig Mies van der Rohe was closely associated.
 - d) Whose *Cité Industrielle* concept was highly influential upon the city designs of Le Corbusier?
 - e) What was the function of a "dom-kommuna", a special building type developed in Soviet Russia in the 1920s?
 - f) Which magazine did Le Corbusier edit with Amédée Ozenfant in the early 1920s?
 - g) With which movement were the Grosse Schauspielhaus and the Einstein Tower associated?
 - h) Name two design characteristics of the *de Stijl* movement.
 - i) Name two architects whose work was featured in the Weissenhofsiedlung at Stuttgart in 1927.
 - j) Who wrote *Modern Architecture: Romanticism and Reintegration* (1929)?
 - k) Which architect associated with the Bauhaus was later associated with The Architects' Collaborative (TAC)?
 - l) Name an architect who was closely associated with Italian Fascism.
 - m) Which of these buildings did Alvar Aalto design?
 - a) Tuberculosis Sanatorium, Paimio, Finland, 1929-33
 - b) Exhibition Buildings, Stockholm, Sweden, 1930
 - c) Baker House Dormitories, MIT, Boston, USA, 1946-49
 - d) Church, Bagsvaerd, Copenhagen, Denmark, 1981
 - n) What long-established educational system or technique in architecture is evident in the hierarchical monumentality of Louis Kahn?
 - o) What was CIAM and which group challenged it?
 - p) Name two members of the group known as the New York Five.
 - q) Which group's projects included the futuristic visions Ocean City and City in the Sky?
 - r) Who was responsible for the design of all of these three buildings?
 - a) Pacific Design Center, Los Angeles, 1975 (phase 1) & 1988 (phase 2)
 - b) World Financial Center, New York, 1988
 - c) Petronas Towers, Kuala Lumpur, Malaysia, 1996
 - s) Name a significant woman architect of the twentieth century.
 - t) Which of the following terms best describes the architecture of Jean Nouvel?
 - a) Symbols and signs
 - b) Tectonics
 - c) Regionalism
 - d) Skin and surface

Examination continues over page

2. **Answer the following question in essay form. This question carries 40 marks.**

Choose two authors who have written significant texts on the history of twentieth century architecture. Compare and contrast their portrayal of twentieth century architecture and/or architects and their approach to the construction and writing of architectural history.

Examination continues over page

3. Choose one of the questions from the following list and answer in essay form. Use built or drawn examples to elaborate your answer.

This question carries 40 marks. If appropriate use sketches as well as writing to elaborate your answer.

i) **Architectural Styles and Movements:**

Select two (2) 20th century architectural styles or movements that were practised simultaneously (i.e. in the same decade(s)). Outline the course of their development and compare the ideas associated with each style or movement, citing relevant examples, architects and contemporary texts.

ii) **Architects:**

Select two (2) architects whose professional career was in the 20th century (or into the first decade of the 20th century) and who practised at the same time. Compare each architect's works and ideas, citing and analysing examples, describing stylistic features, and indicating the distinctiveness of each architect's work, their similarities, and their ideas in relation to the work of contemporaries and later architecture.

iii) **Materials:**

Select two (2) materials used in 20th century architecture. Indicate how they were used in buildings, discuss attitudes (both positive and negative) towards the use of these materials and outline the influence that the use of both materials had on building form and design. Cite specific building examples to elaborate your answer.

iv) **Architectural Training:**

Select two (2) different approaches to the training of an architect in the 20th century. Compare and contrast the two approaches.

v) **Approaches to Design:**

Select two (2) approaches to architectural design from 20th century practice. Outline the characteristics of each approach by discussing planning, form and composition, fenestration, use of materials, and other matters such as architectural hierarchies and the social organisation of space.

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vi) **Colour and Ornament:**

Discuss two (2) 20th century attitudes towards colour and ornament in architecture. Cite specific building examples to elaborate your answer.

vii) **Social and Political Issues:**

Select two (2) social issues or two (2) political movements from the 20th century. Compare either the way that architecture was involved in each social issue and to what extent each social issue determined the forms of architecture, or compare the place of architecture in the ideology of each political movement. Cite specific building examples to elaborate your answer.

END OF EXAM