
UNIVERSITI SAINS MALAYSIA

First Semester Examination
Academic Session 2008/2009

November 2008

RAK 232 – Principles of Architectural Design
(Prinsip-Prinsip Rekaan Seni Bina)

Duration: 3 hours
(Masa: 3 jam)

Please check that this examination paper consists of **THREE** pages of printed material before you begin the examination.

*Sila pastikan bahawa kertas peperiksaan ini mengandungi **TIGA** muka surat yang tercetak sebelum anda memulakan peperiksaan ini.*

Students are allowed to answer all questions in English OR in Bahasa Malaysia.

Pelajar dibenarkan menjawab semua soalan dalam Bahasa Inggeris ATAU Bahasa Malaysia.

Answer **ALL** questions.

*Jawab **SEMUA** soalan.*

1. Based on the given **Diagram 1**, describe the basic elements of Architectural Design.

*Berdasarkan lakaran **Rajah 1** berikut, bincangkan unsur-unsur asas dalam Rekaan Seni Bina.*

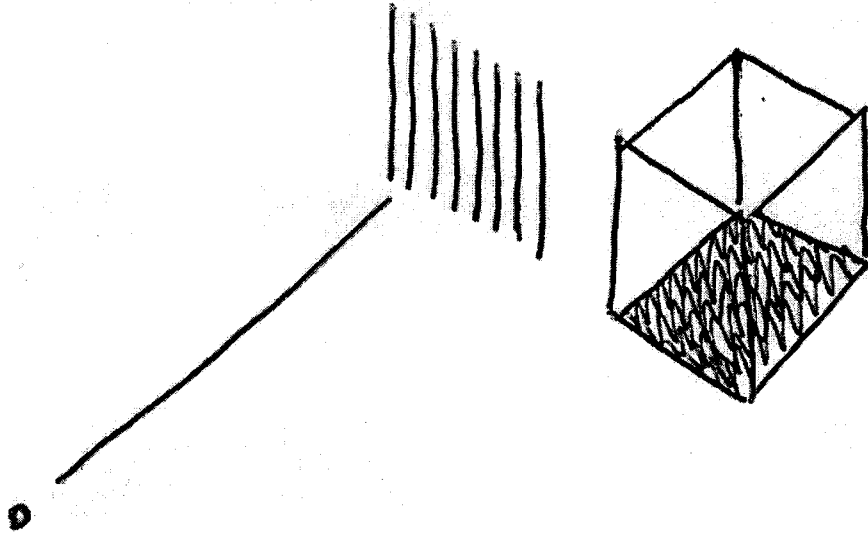


Diagram 1 (Rajah 1)

(20 marks/markah)

2. Discuss the different types of spaces in Architectural Design.

Bincangkan jenis-jenis ruang dalam Rekaan Seni Bina.

(20 marks/markah)

3. What are the functions of the following element in Architectural Design.

Apakah fungsi unsur-unsur berikut dalam Rekaan Seni Bina.

- (a) Colour (*Warna*)
- (b) Unity (*Kesatuan*)
- (c) Proportion (*Kekadaran*)

(20 marks/markah)

4. What are the important orders in Architectural Design.

Apakah peraturan penting dalam Rekaan Seni Bina.

(20 marks/markah)

5. Discuss on **THREE** of the following Modern Masters of Architecture.

*Bincangkan **TIGA** daripada Tokoh-Tokoh Seni Bina Moden berikut.*

- (a) Frank Lloyd Wright
- (b) Le Corbusier
- (c) Ludwig Mies Van de Rohe
- (d) Lord Norman Foster
- (e) Cesar Pelli
- (f) Sir Richard Rogers

(20 marks/markah)

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