
UNIVERSITI SAINS MALAYSIA

First Semester Examination
2013/2014 Academic Session

December 2013 / January 2014

**RDG 334 –Theory and History of Design
(Sejarah dan Teori Seni Reka)**

Duration : 3 hours
(Masa: 3 jam)

Please check that this examination paper consists of SIX printed pages before you begin the examination.

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

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

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

Answer **FIVE** questions only.

*Jawab **LIMA** soalan sahaja.*

In the event of any discrepancies, the English version shall be used.

[Sekiranya terdapat sebarang percanggahan pada soalan peperiksaan, versi Bahasa Inggeris hendaklah diguna pakai].

1. In Greece, Dorians developed buildings built between 10th and the 6th century B.C. constructed of a system that is definitely established. However, before the creation of a large marble temple of the 5th century B.C., there is a definite stage of evolution in which the walls are made of sun-dried bricks and the roof, pillars and wooden uprights. Therefore explain the origin of Greek Empire based on their buildings and interiors according to the influential and innovations.

Di Greece, Dorians membangun bangunan di antara abad ke-10 dan abad ke-6 S.M. yang menekankan pembinaan sistem. Walau bagaimanapun, sebelum penciptaan sebuah kuil marmar S.M. pada abad ke-5, terdapat satu peringkat tertentu evolusi di mana dinding yang diperbuat daripada batu-bata kering dan bumbung, tiang dan kayu. Oleh itu terangkan asal-usul Empayar Yunani berasaskan kepada bangunan dan dalaman mereka mengikut pengaruh dan inovasi.

(20 marks/markah)

2. Based on the four (4) photographs below explain from which Empire, the name of the building, it's function and materials used.

Berdasarkan empat (4) gambar di bawah terangkan dari Empayar mana, nama bangunan, fungsi dan bahan yang digunakan.

(20 marks/markah)



Photo 1/Gambar 1



Photo 2/Gambar 2



Photo 3/Gambar 3



Photo 4/Gambar 4

3. Choose one of these historical periods and explain thoroughly on the date existed, the history related to the constructions of buildings, interior designs (furniture and decorations elements) and also the materials applied in the design.

Pilih salah satu tempoh sejarah ini dan jelaskan ciri seni bina bangunan pada masa tersebut, dalam konteks pembinaan bangunan, reka bentuk dalaman (perabot dan elemen-elemen hiasan) dan bahan binaan yang digunakan dalam reka bentuk.

- (a) Greek/Yunani
- (b) Romans/Rom
- (c) Islamic/Islam
- (d) Egyptians/Mesir

(20 marks/markah)

4. (i) Discuss the elements of organic architecture. Give two (2) examples of the designers who embraced organic architecture and the examples of their work.

Bincangkan elemen-elemen seni bina organik. Berikan dua (2) contoh pereka senibina organik dengan hasil kerja mereka.

- (ii) Streamlining is one of the style for the Arts For Industry after the World War 2. Explain the meaning of streamlining and discuss how it influenced designers during that particular time.

“Streamlining” adalah salah satu gaya Seni Untuk Industri selepas Perang Dunia Kedua. Terangkan makna ‘streamlining’ dan bincangkan bagaimana ia mempengaruhi pereka pada ketika itu.

(20 marks/markah)

5. (i) Names the architectural style of the buildings in **ALL** the diagram below.
*Namakan gaya seni bina pada **SEMUA** gambarajah di bawah.*



(a)



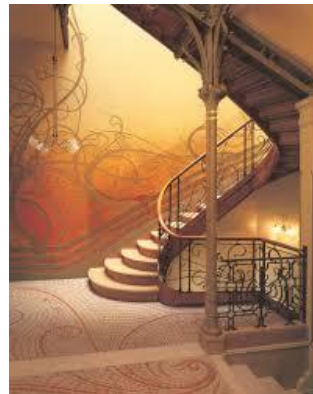
(b)



(c)



(d)



(e)

(20 marks/markah)

- (ii) Choose two (2) of the above architectural styles and discuss its characteristics and the influences of the above styles.

Pilih dua (2) gaya seni bina diatas dan bincangkan ciri-ciri tersebut dan daripada mana ia dipengaruhi.

(20 marks/markah)

6. Explain the following terms and personalities

- (i) Industrial Revolution
- (ii) Bauhaus
- (iii) Mies van de Rohe
- (iv) Eero Saarinen
- (v) Swedish Modern

Jelaskan terma dan personaliti berikut

- (i) *Revolusi Industri*
- (ii) *Bauhaus*
- (iii) *Mies Van de Rohe*
- (iv) *Eero Saarinen*
- (v) *Swedish Modern*

(20 marks/*markah*)