
UNIVERSITI SAINS MALAYSIA

Second Semester Examination
2009/2010 Academic Session

April/May 2010

RDG 366 – Furniture Design
[Rekabentuk Perabot]

Duration: 2 hours
[Masa: 2 jam]

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

Sila pastikan bahawa kertas peperiksaan ini mengandungi DUA 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 **THREE** questions only. **Question No. 1** is **Compulsory**

*Jawab **TIGA** soalan sahaja. **Soalan No. 1** adalah **Wajib**.*

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

Sekiranya terdapat sebarang percanggahan pada soalan peperiksaan, versi Bahasa Inggeris hendaklah digunapakai.

1. A round table seating arrangement is said to foster 'collaboration' and 'equality.' Conversely, would a rectangular table seating share similar notion? Explain why would you agree or disagree with each of the above statements.

Aturan tempat duduk meja berbentuk bulatan dikatakan mampu menjalinkan 'kerjasama' dan 'kesamarataan'. Sebaliknya, apakah meja bersegi dapat memenuhi jalinan sedemikian? Bincangkan pendapat anda berhubung hal tersebut.

(40 marks/markah)

2. Develop brief guidelines based on principles of sustainability the physical requirements and production methods involved in furniture design.

Rangkakan satu garis panduan berdasarkan prinsip-prinsip kemampuan akan keperluan fizikal serta pendekatan pengeluaran dalam rekabentuk perabot.

(30 marks/markah)

3. Explain in brief the waste minimization strategies that can be integrated into every facet of furniture development, manufacturing, and after sales service.

Huraikan secara ringkas langkah-langkah pengurangan sisa buangan yang boleh diterapkan dalam setiap urusan pembangunan perabot, pembuatan maupun perkhidmatan selepas jualan.

(30 marks/markah)

4. Choose a particular domestic custom-built fit-out that interests you. Describe with the aid of illustrations the different conditions of structural support for built-in furniture construction.

Pilih satu perabot kediaman tempahan khas yang anda minati. Berbantuan lakaran berikan contoh-contoh pendekatan struktur serta kedudukan perabot yang hendak dibina.

(30 marks/markah)