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UNIVERSITI SAINS MALAYSIA

Second Semester Examination  
2012/2013 Academic Session

June 2013

**RDG 366 – Furniture Design**  
***[Rekabentuk Perabot]***

Duration: 2 hours  
*[Masa: 2 jam]*

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

*Sila pastikan bahawa kertas peperiksaan ini mengandungi LIMA 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 **FOUR** questions only.

*Jawab **EMPAT** 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 digunakan.*

1. Explain the following technical terms and their uses :

*Huraikan terma-terma teknikal dibawah serta kegunaannya:*

- (i) MDF – Medium Density Board
- (ii) Butt Joint
- (iii) Mitre Joint
- (iv) Veneer
- (v) Chipboard

(25 marks/markah)

2. (i) Name **three (3)** materials which are commonly used as kitchen counter top and explain the advantages and disadvantages of choosing them.

*Namakan **tiga (3)** bahan yang biasa digunakan untuk kaunter atas dapur serta huraikan kebaikan dan keburukan dalam pemilihan setiap bahan tersebut.*

- (ii) Explain the philosophy of flat-packed furniture found at IKEA Furniture Company.

*Huraikan falsafah perabot “flat-packed” dari Syarikat perabot IKEA.*

(25 marks/markah)

3. Explain the manifestation of idea and inspiration from the designer who have pioneered these modern furniture derived from the latest/modern materials from the figures below. Choose only **two (2)**.

*Huraikan manifestasi idea dan inspirasi pereka yang mempelopori senireka perabot daripada bahan terkini/moden seperti dalam rajah di bawah. Pilih **dua (2)** sahaja.*



Figure 1/Rajah 1



Figure 2/Rajah 2



Figure 3/Rajah 3

(25 marks/markah)

4. Write specific notes on what can you to learn from the figures below (**Figure 4** and **5**). Relate your points into the interior design current issues and trends as well as the effects of the items to the client.

*Tulis nota khusus mengenai apa yang anda boleh belajar tentang rajah-rajah di bawah. (**Rajah 4** dan **5**). Kaitkan penerangan anda dengan isu-isu semasa dan 'trend' reka bentuk terkini serta kesan kepada pelanggan.*



Figure 4/Rajah 4



Figure 5/Rajah 5

(25 marks/markah)

5. List down **two (2)** examples of designed buildings and two (2) designed furnitures according to the different cultures given below and explain the cultural influence on the use and design of the selected buildings and furniture. Select any **two (2)** of the following cultures:

- (i) Malay
- (ii) Chinese
- (iii) Indian
- (iv) Thailand
- (v) Indonesia

*Berikan **dua (2)** contoh reka bentuk bangunan dan dua (2) reka bentuk perabot mengikut budaya yang berbeza dan jelaskan pengaruh budaya ke atas penggunaan dan reka bentuk bangunan dan perabot yang terpilih. Pilih mana-mana **dua (2)** senarai budaya di bawah:*

- (i) Melayu
- (ii) Cina
- (iii) India
- (iv) Thailand
- (v) Indonesia

(25 marks/markah)

6. Select and explain only **two (2)** figures in the context of furniture design.

- (i) Where is the Origin
- (ii) Name of furniture
- (iii) Ideas
- (iv) Beliefs
- (v) Rituals

*Pilih dan terangkan mana-mana **dua (2)** rajah di bawah dalam konteks reka bentuk perabot.*

- (i) Asal-usul perabot
- (ii) Nama Perabot
- (iii) Ide
- (iv) Kepercayaan
- (v) Upacara

(25 marks/markah)



**Figure 1/Rajah 1**



**Figure 2/Rajah 2**



**Figure 3/ Rajah 3**



**Figure 4 / Rajah 4**



**Figure 5 / Rajah 5**