
UNIVERSITI SAINS MALAYSIA

First Semester Examination
2013/2014 Academic Session

December 2013 / January 2014

RPK 321 – Landscape Planning
(Perancangan Landskap)

Duration : 3 hours
(Masa: 3 jam)

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

Sila pastikan bahawa kertas peperiksaan ini mengandungi EMPAT 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 **ALL** questions.

*Jawab **SEMUA** soalan.*

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. Discuss the following vocabularies that can be linked to the history of gardens.

Huraikan vokabulari-vokabulari berikut yang ada kaitannya dengan sejarah seni taman.

(15 marks/markah)

- (a) Agora
- (b) Atrium
- (c) Hortus cultura
- (d) Moat
- (e) Grotto
- (f) Piazza
- (g) Acropolis
- (h) Parterre garden
- (i) Ha Ha
- (j) Meydan

2. Discuss the management procedures and contract administration in landscape architecture.

Bincangkan tatacara pengurusan dan pentadbiran kontrak dalam senibina landskap.

(15 marks/markah)

3. Discuss the few methods of turf planting and its technique of maintenances.

Bincangkan beberapa kaedah penanaman rumput turf dan teknik-teknik penjagaannya.

(15 marks/markah)

4. Describe all the following terms:-

Terangkan semua istilah-istilah berikut:-

- (a) Garden design /*Rekabentuk Laman*
- (b) Landscape design/*Rekabentuk Landskap*
- (c) Landscape Planning /*Perancangan Landskap*
- (d) Landuse plan /*Pelan Gunatanah*
- (e) Zoning /*Ketetapan guna kawasan*
- (f) Non renewable resources /*Sumber Alam tidak boleh diperbaharui*
- (g) Renewable resources /*sumber Alam boleh diperbaharui*
- (h) Environmental impact assessment /*Penilaian impak alam sekitar*
- (i) Genius loci /*Keserlahan setempat*
- (j) Planning control by zoning /*Kaedah kawalan perancangan melalui ketetapan guna kawasan*
- (k) Planning control by environmental impact assessment /*Kaedah kawalan perancangan melalui penilaian impak alam sekitar*
- (l) Planning control by design /*Kaedah perancangan melalui ketetapan rekabentuk*
- (m) Overlay technique in landscape planning /*Teknik tindanan dalam perancangan landskap*
- (n) Suitability matrix analysis /*Analisis matrik kesesuaian*
- (o) Physical Landscape Constraints /*Kekangan fizikal landskap*
- (p) Composite site analysis plan /*Pelan komposit analisis tapak*
- (q) Grass crete paver/*bata turapan berumput*
- (r) Interlocking pavers /*bata turapan silangkunci*
- (s) Concrete imprint /*turapan konkrit tekap*
- (t) Broom finished surface /*Permukaan siap bergaris*
- (u) Concrete mixture ratio by volume /*kadar Campuran konkrit ikut isipadu*
- (v) Columnar plant /*Pokok berkolumnar*
- (w) Fastigate plant /*Pokok fastigiat*
- (x) Plant as emphasizers /*Pokok tumpuan objek*

- (y) Bertam Indah garden / *Taman Bertam Indah*
- (z) Nilai Memorial Park / *Taman Peringatan Nilai*
- (aa) Botanical garden / *Taman Botanikal*
- (bb) Industrial Park / *Taman Perindustrian*
- (cc) Neighbourhood Park / *Taman Kejiranan*
- (dd) Tioman island national park / *Taman negara Pulau Tioman*

(55 marks/*markah*)