
UNIVERSITI SAINS MALAYSIA

Second Semester Examination
Academic Session 2012/2013

June 2013

**RLD 508 – Environmental Impact Assessment
(*Penilaian Impak Alam Persekitaran*)**

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 either in English OR Bahasa Malaysia only.

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

Answer **FIVE** questions. **SECTION A** is **COMPULSORY**. Answer **TWO** question from **SECTION B**.

*Jawab **LIMA** soalan. **BAHAGIAN A** adalah **WAJIB**. Jawab **DUA** soalan dari **BAHAGIAN B**.*

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

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

SECTION A is COMPULSORY
BAHAGIAN A adalah WAJIB

1. Why is Environmental Impact Assessment needed in the environmental management strategies of a country?

Kenapa Penilaian Impak Alam Sekitar diperlukan di dalam strategi-strategi pengurusan alam sekitar sesebuah negara?

(10 marks/markah)

2. There are many variables that are crucial in the social impact assessment. Discuss some of the important variables which are to be considered in the assessment.

Terdapat banyak variabel yang penting dalam penilaian impak sosial. Bincangkan beberapa variabel penting yang perlu diambil kira dalam penilaian.

(25 marks/markah)

3. Discuss the significance of predicting and forecasting social dimension in the Environmental Impact Assessment.

Bincangkan kepentingan menjangka dan meramal dimensi sosial dalam Kajian Impak Alam Sekitar.

(15 marks/markah)

SECTION B : Answer only **TWO (2)** questions.
BAHAGIAN B : Jawab **DUA (2)** soalan sahaja.

4. Define these EIA stages and explain the processes that take place in each stage.

Senaraikan peringkat-peringkat dalam EIA dan jelaskan proses-proses yang dijalankan pada setiap peringkat:

- (i) Screening/*Saringan*
- (ii) Scoping /*Skoping*
- (iii) Impact Assessment/*Penilaian Impak*
- (iv) Review / *Semakan Semula*

(25 marks/*markah*)

5. (a) Discuss what are “landscape impacts” and “visual impacts”.

Bincangkan apakah “impak landskap” dan “impak visual”.

- (b) How does EIA benefits landscape architecture and the built environment?

Bagaimanakah EIA memberi manfaat kepada bidang senibina landskap dan alam bina?

(25 marks/*markah*)

6. Environmental Impact Assessment (EIA) is an environmental conservation mechanism for Malaysia. Discuss the obstacles and weaknesses of EIA from the legal and enforcement aspects. Give examples to support your discussion.

Penilaian Impak Alam Sekitar ialah suatu mekanisma pemuliharaan alam sekitar di Malaysia. Bincangkan halangan-halangan dan kelemahan-kelemahan EIA dari aspek undang-undang dan pelaksanaan. Berikan contoh-contoh untuk menyokong perbincangan anda.

(25 marks/*markah*)