

SULIT



**BAHAGIAN PEPERIKSAAN DAN PENILAIAN
JABATAN PENDIDIKAN POLITEKNIK
KEMENTERIAN PENDIDIKAN TINGGI**

JABATAN PERDAGANGAN

**PEPERIKSAAN AKHIR
SESI DISEMBER 2017**

DPN6033 : REINSURANCE

**TARIKH : 08 APRIL 2018
MASA : 11.15 PAGI - 1.15 TENGAHARI (2 JAM)**

Kertas ini mengandungi **TUJUH (7)** halaman bercetak.

Esei (4 soalan)

Dokumen sokongan yang disertakan : Tiada

JANGAN BUKA KERTAS SOALAN INI SEHINGGA DIARAHKAN

(CLO yang tertera hanya sebagai rujukan)

SULIT

INSTRUCTION:

This section consists of **FOUR (4)** essay questions. Answer **ALL** questions.

ARAHAN:

Bahagian ini mengandungi EMPAT (4) soalan esei. Jawab SEMUA soalan.

QUESTION 1**SOALAN 1**CLO1
C1

- (a) Describe **FOUR (4)** benefits of reinsurance.
Huraikan EMPAT (4) manfaat insurans semula.

[8 marks]

[8 markah]

CLO1
C2

- (b) Explain **THREE (3)** differences between quota and surplus share treaty.
Jelaskan TIGA (3) perbezaan antara triti insurans semula kongsi kuota dan lebihan

[7 marks]

[7markah]

CLO1
C3

- (c) Explain the factors to be considered in a retention policy.
Jelaskan faktor-faktor yang perlu dipertimbangkan dalam polisi retensi.

[10 marks]

[10 markah]

QUESTION 2

SOALAN 2

CLO1
C1

- (a) Describe the usage of privity of contract and cut through clause in reinsurance.
Huraikan penggunaan 'privity of contract' dan klausa 'cut through' dalam insurans semula.

[3 marks]
[3 markah]CLO1
C2

- (b) Underwriting is a crucial element in the insurance industry. Indicate the objectives of reinsurance underwriting.
Pengunderaitan adalah satu unsur penting dalam industri insurans. Nyatakan objektif pengunderaitan dalam insurans semula.

[8 marks]
[8 markah]

- (c) Persona Insurance Berhad is a general insurance provider. It has a 50% quota share treaty with a maximum risk limit of RM300,000 and has a 10-line first surplus treaty, a 10-line second surplus treaty and a 5-line third surplus treaty. It also arranged a per risk excess of loss treaty coverage of RM250K XOL RM 50K. Any excess of capacity is covered by obligatory facultative treaty with a limit of RM1.5 million. The following risks were received.

Persona Insurance Berhad ialah sebuah syarikat insurans am. Ia mempunyai 50% triti kongsi kuota had risiko maksimum RM300,000 dan juga triti lebihan pertama 10- line, triti lebihan kedua 10-line dan triti lebihan ketiga 5-line. Ia juga mempunyai perlindungan triti lebihan kerugian RM250K XOL RM50K untuk setiap risiko. Sebarang lebihan kapasiti dilindungi oleh triti fakultatif obligatori dengan had RM1.5 juta. Risiko-risiko berikut telah diterima:

| Risk <i>Risiko</i> | Sum Insured <i>Jumlah Diinsurankan</i> |
|-----------------------|---|
| Sunway | RM280,000 |
| Tropicana | RM750,000 |
| Mahsing | RM4.8 mil |
| Malton | RM9 mil |
| Ecosetia | RM11 mil |

CLO1
C3

- i. Determine the distribution of risk
Tentukan agihan risiko.

[8 marks]

[8 markah]

CLO1
C3

- ii. If risk Malton suffered a loss of RM3.6 mil in a fire, calculate the share of loss among the cedant and the reinsurers?

Jika risiko Malton mengalami kerugian sebanyak RM3.6 juta dalam satu kebakaran, kirakan kongsi kerugian di antara cedant dan penginsuran semula.

[6 marks]

[6 markah]

QUESTION 3

SOALAN 3

CLO2
C1

- (a) State
- THREE (3)**
- roles played by brokers in the reinsurance market.

*Nyatakan **TIGA (3)** peranan yang dimainkan oleh broker dalam pasaran insurans semula.*

[5 marks]

[5 markah]

- (b) Rajawali Insurers has a risk excess treaty of RM700,000 XOL RM200,000. The event limit is 3 times coverage of the treaty in a given event. A major fire has occurred at the Mergong Industrial area where 4 risks insured by Rajawali Insurer suffered losses as follow:-

Rajawali Insurer mempunyai triti lebihan risiko RM700,000 XOL RM200,000. Had peristiwa ialah 3 kali perlindungan triti dalam sesuatu peristiwa. Satu kebakaran besar telah berlaku di Kawasan Perindustrian Mergong di mana 4 risiko yang diinsurankan oleh Rajawali Insurers telah mengalami kerugian seperti berikut:-

| Risk/Risiko | Losses/Kerugian |
|-------------|-----------------|
| Melati | RM350,000 |
| Kesidang | RM680,000 |
| Mawar | RM1.2 mil |
| Kekwa | RM930,000 |

Calculate the reinsurance recovery and cedant's share of loss.

Kirakan tuntutan insurans semula dan bahagian kongsi rugi cedant.

[5 marks]

[5 markah]

CLO2
C3

CLO 2
C3

- i. Maju Insurance Berhad has the following excess of loss ratio treaty
“to pay amount of loss in excess of 70% loss ratio up to 120% loss ratio”.

At the end of the year, the underwriting result is as follow:

Earned premium: RM19,800,000

Incurred losses RM16,500,000

Calculate the loss ratio and the amount of claim recovered.

Maju Insurance Berhad mempunyai triti lebihan nisbah kerugian “to pay amount of loss in excess of 70% loss ratio up to 120% loss ratio”.

Pada akhir tahun, keputusan pengunderitan adalah seperti berikut:-

Premium yang diperolehi RM19,800,000

Kerugian yang dialami RM16,500,00

Kirakan nisbah kerugian dan jumlah pampasan yang diperolehi.

[5 marks]

[5 markah]

- (c) Pestaria Insurance Berhad intends to purchase the following catastrophe excess of loss (XOL) treaty with retention of RM850,000.

1st layer limit - RM2 million

2nd layer limit - RM 3.5 million

3rd layer limit – RM 8 million

Pestaria Insurance Berhad bercadang untuk membeli triti lebihan kerugian bencana dengan retensi sebanyak RM850,000

Had lapisan pertama – RM2 juta

Had lapisan kedua – RM3.5 juta

Had lapisan ketiga – RM 8 juta

CLO2
C4

- i. Design the catastrophe excess of loss (XOL) treaty layering plan.

Rangkakan pelan triti lebihan kerugian bencana berlapis.

[3 marks]

[3 markah]

CLO2
C4

- ii. Explain the objectives of setting up a reinsurance programme.

Terangkan objektif pembentukan sesuatu program insurans semula.

[7 marks]

[7 markah]

QUESTION 4

SOALAN 4

CLO2
C1

- (a) Describe the impact of Lloyd's of London operating in the Malaysian reinsurance market.

Huraikan impak Lloyd's of London beroperasi dalam pasaran insurans semula di Malaysia.

[4 marks]

[4 markah]

CLO2
C2

- (b) Explain the following clauses:-

Terangkan klausa-klausa berikut:

- i. Arbitration / *Timbang tara*

[1.5 marks]

[1.5 markah]

- ii. Hour clause/ *Klausa jam*

[1.5 marks]

[1.5 markah]

- iii. Follow the fortune/ *Ikut nasib*

[2 marks]

[2 markah]

CLO2
C3

- (c) Highlight the attractiveness of Labuan as a reinsurance marketplace in Malaysia.

Kemukakan tarikan Labuan sebagai pasaran insurans semula di Malaysia.

[6 marks]

[6 markah]

CLO2
C4

- (d) i. Explain the concept of 'Al Darurah' in retakaful.

Terangkan konsep 'Al Darurah' dalam takaful semula.

[4 marks]

[4 markah]

- ii. Categorise **THREE (3)** differences between reinsurance and retakaful.

*Kategorikan **THREE (3)** perbezaan di antara insurans semula dan takaful semula.*

[6 marks]

[6 markah]

SOALAN TAMAT