

SULIT



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

JABATAN PERDAGANGAN

PEPERIKSAAN AKHIR

SESI DISEMBER 2016

DPN6033 : REINSURANCE

TARIKH : 01 APRIL 2017

TEMPOH : 8.30 AM – 10.30 AM (2 JAM)

Kertas ini mengandungi ENAM (6) halaman bercetak.

Esei (4 soalan)

Dokumen sokongan yang disertakan : Tiada

JANGAN BUKA KERTAS SOALAN INI SEHINGGA DIARAHKAN

(CLO yang tertera hanya sebagai rujukan)

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INSTRUCTION:

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

ARAHAN:

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

QUESTION 1**SOALAN 1**

- CLO1/C1 (a) Describe the benefits of reinsurance to the insurance industry.
Huraikan manfaat insurans semula kepada industri insurans.
- [8 marks]
[8 markah]
- CLO1/C2 (b) Explain **THREE (3)** ways a reinsurer can limit its losses in certain situation.
Jelaskan TIGA (3) cara seseorang penginsurans semula dapat menghadkan kerugian dalam sesuatu keadaan tertentu.
- [7 marks]
[7 markah]
- CLO1/C3 (c) Distinguish the factors to be considered in retention policy of a cedant company.
Jelaskan faktor-faktor yang perlu dipertimbangkan dalam polisi retensi sebuah syarikat cedant.
- [10 marks]
[10 markah]

QUESTION 2**SOALAN 2**

- CLO2/C1 (a) Describe **TWO (2)** types of commission paid in reinsurance.
Huraikan DUA (2) jenis komisen yang dibayar dalam insurans semula.
- [3 marks]
[3 markah]

CLO1/C2

- (b) Explain the objectives of reinsurance underwriting.

Jelaskan objektif pengunderaitan insurans semula.

[8 marks]

[8 markah]

- (c) Kasturi Insurance Berhad is a general insurance provider. It has a 60% quota share treaty with a maximum risk limit of RM200,000. It also has a 10-line first surplus treaty, a 10-line second surplus treaty and 5-line third surplus treaty. It also arrange a per risk excess of loss treaty coverage of RM100K XOL RM 50K. Any excess of capacity is covered by obligatory facultative treaty with a limit of RM1 million. The following risks were received.

Kasturi Insurance Berhad ialah sebuah syarikat insurans am. Ia mempunyai 60% triti kongsi kuota had risiko maksimum RM200,000 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 RM100K XOL RM50K untuk setiap risiko

Risk/Risiko	Sum Insured Jumlah Diinsurankan
Rompin	RM180,000
Jerantut	RM650,000
Temerloh	RM3.0 mil
Bentong	RM4.6 mil
Kuantan	RM5.2 mil

CLO3/C3

- i. Determine the distribution risk.

Tentukan agihan risiko.

[8 marks]

[8 markah]

CLO3/C3

- ii. If risk Temerloh suffered a loss of RM2.4 mil in a fire, calculate how much is the share of loss among the cedant and the reinsurers?

Jika risiko Temerloh mengalami kerugian sebanyak RM2.4 juta dalam satu kebakaran, kirakan kongsi kerugian di antara cedant dan penginsuran semula.

[6 marks]

[6 markah]

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QUESTION 3

SOALAN 3

CLO2/C1

- (a) State 3 roles played by MNRB in the insurance market.

Nyatakan 3 peranan yang dimainkan oleh MNRB dalam pasaran insurance.

[5 marks]

[5 markah]

CLO2/C1

- (b) Dunia Insurance has a RM 5 million XOL of RM 1million reinsurance treaty with Zurich Reinsurers in 2015. In the same year there is a claim on the policy, however due to legal proceeding, the claims was only settled in 2017 for RM3.5 million.

Dunia Insurance mempunyai triti lebihan RM5 juta XOL RM1 juta dengan Zurich Reinsurers pada tahun 2015. Dalam tahun yang sama, terdapat satu tuntutan tetapi disebabkan kekangan perundangan, tuntutan tersebut hanya dapat diselesaikan pada tahun 2017 dengan nilai RM3.5 juta.

The CPI for the years are as follows:-

IHK untuk tahun-tahun berkenaan adalah seperti berikut:-

YEAR	CPI
2015	100
2016	110
2017	115

CLO2/C3

- i. Calculate the reinsurance recovery and claims payable by the cedant.

Kirakan tuntutan insurans semula dan pampasan yang harus dibayar oleh cedant.

[5 marks]

[5 markah]

CLO2/C3

- ii. Puncak Insurance Berhad has the following excess of loss ratio treaty "to pay amount of loss in excess of 80% loss ratio up to 120% loss ratio"
At the end of the year, the underwriting result of Puncak Insurance is as Follow:

Earned premium:	RM18,500,000
Incurred losses	RM17,000,000

Puncak Insurance Berhad mempunyai triti lebihan nisbah kerugian yang berikut "to pay amount of loss in excess of 80% loss ratio up to 120% loss ratio"

Pada akhir tahun, keputusan pengunderitan adalah seperti berikut:-

<i>Premium yang diperolehi</i>	<i>RM18,500,000</i>
<i>Kerugian yang dialami</i>	<i>RM17,000,00</i>

Calculate the loss ratio and the amount of claim recovered.

Kirakan nisbah kerugian dan jumlah pampasan yang diperolehi.

[5 marks]

[5 markah]

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

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

1st layer limit - RM2.5 million
Had lapisan pertama - RM2.5 juta

2nd layer limit - RM 4 million
Had lapisan kedua - RM4 juta

3rd layer limit - RM 6 million
Had lapisan ketiga - RM 6 juta

CLO3/C3

- i. Design the catastrophe excess of loss (XOL) treaty layering plan.
Rangkakan pelan triti lebihan kerugian bencana berlapis.

[3 marks]

[3 markah]

CLO 2/C2

- 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 abnormal circumstances when a reinsurance treaty can be terminated.

Terangkan keadaan luar biasa di mana sesuatu triti insurans semula boleh ditamatkan.

[5 marks]

[5 markah]

CLO2/C3

- (c) Highlight the role of broker in reinsurance

Tonjolkan peranan broker dalam insurans semula.

[6 marks]

[6 markah]

CLO2/C4

- (d) Differentiate between retakaful and reinsurance.

Bezakan di antara takaful semula dengan insurans semula.

[10 marks]

[10 markah]

SOALAN TAMAT