

ECS2602 (477035)
MACROECONOMICS
MAKRO-EKONOMIE

Duration	2 Hours	100 Marks
Tydsuur	2 Uur	100 Punte

EXAMINERS / EKSAMINATORE :

FIRST / EERSTE	MRS/MEV MD UYS
SECOND / TWEDE	MRS/MEV S KENNEDY-PALMER

Use of a non-programmable pocket calculator is permissible.
 Gebruik van 'n nie-programmeerbare sakrekenaar is toelaatbaar.

Closed book examination
Toeboekeksamen

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This paper consists of 35 pages, instructions for the completion of a mark reading sheet and a special front page

Hierdie vraestel bestaan uit 35 bladsye, instruksies vir die voltooiing van 'n merkleesblad en 'n spesiale voorblad

STUDENT NUMBER / STUDENTENOMMER									

N.B!
The unique number for ECS2602 is 477035 Die unieke nommer vir ECS2602 is 477035

The following abbreviations may appear in this examination paper

Die volgende afkortings mag in hierdie eksamenvraestel voorkom

<u>ENGLISH</u>		<u>AFRIKAANS</u>	
c	-	marginal propensity to consume	grensverbruiksgeneigdheid
C	-	consumption spending	verbruiksbesteding
D _B	-	demand for bonds	vraag na effekte
E	-	nominal exchange rate	nominale wisselkoers
E ^e	-	expected nominal exchange rate	verwagte nominale wisselkoers
ε	-	real exchange rate	reele wisselkoers
G	-	government spending	owerheidsbesteding
I	-	investment spending	investeringsbesteding
r*	-	foreign interest rate	buitelandse rentekoers
M ^d	-	demand for money	vraag na geld
M ^s	-	supply of money	aanbod van geld (geldvoorraad)
M/P	-	real money supply	reele geldvoorraad
NX	-	trade balance	handelsbalans
P	-	price level	pryspeil
P _B	-	price of bonds	prys van effekte
S _B	-	supply of bonds	aanbod van effekte
W	-	nominal wage	nominaal loon
W/P	-	real wage	reele loon
X	-	exports	uitvoer
Y	-	output and income level	produksie- en inkomepeil
Y*	-	foreign output and income level	buitelandse produksie- en inkomepeil
Y _N	-	natural level of output	natuurlike produksiepeil
Z	-	total demand	totale vraag
ZZ	-	demand for domestic goods	vraag na binnelandse goedere

Read all instructions CAREFULLY before answering the questions.
This paper consists of two (2) sections: A and B.

**Lees al die instruksies NOUKEURIG voor u die vrae beantwoord.
Hierdie vraestel bestaan uit twee (2) afdelings: A en B.**

SECTION A: COMPULSORY (50 marks)

AFDELING A: VERPLIGTEND (50 punte)

INSTRUCTION ANSWER ALL THE QUESTIONS

INSTRUKSIE BEANTWOORD AL DIE VRAE

QUESTION 1/VRAAG 1 (12 marks/12 punte)

Question 1.1/Vraag 1.1 (3 marks/3 punte)

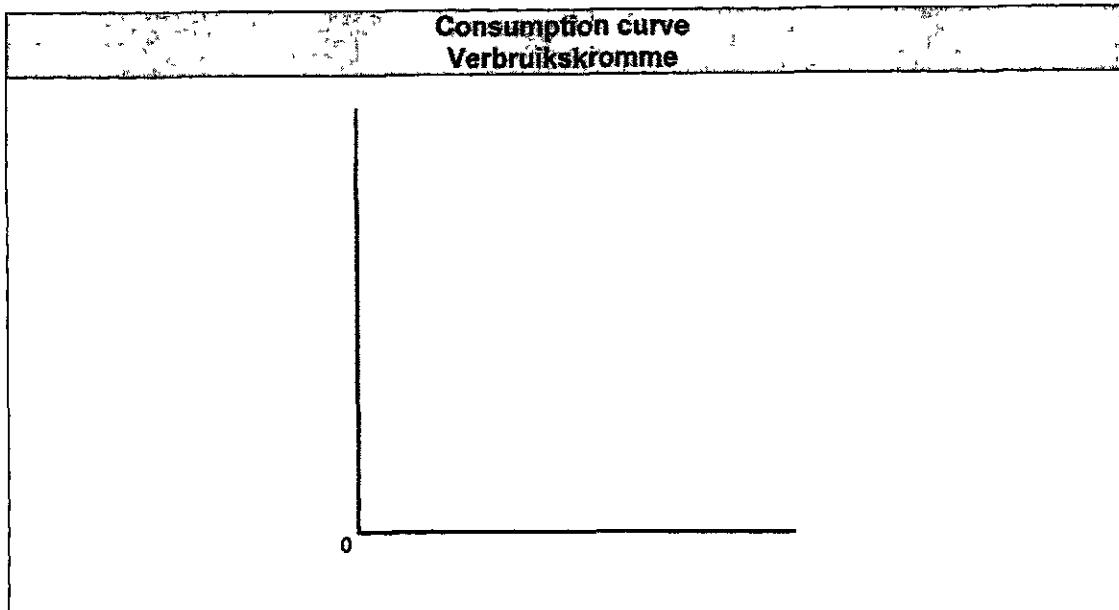
Draw a consumption curve using the following consumption function $C = 300 + 0.6Y_D$

Indicate on the diagram the initial position where disposable income equals 500 and the effect of an increase in disposable income from 500 to 600 on consumption spending

(3)

Trek 'n verbruikskromme deur gebruik te maak van die volgende verbruiksfunksie $C = 300 + 0.6Y_D$. Dui op die diagram die aanvanklike posisie aan waar besteebare inkome gelyk is aan 500 en dui aan wat sal gebeur met verbruiksbesteding as die besteebare inkome van 500 tot 600 toeneem

(3)



**[TURN OVER]
[BLAAI OM]**

Question 1.2/Vraag 1.2 (9 marks/9 punte)

- a Use the diagram of the goods market model below to calculate the multiplier (Diagrams A and B are identical) Show the formula (1)
- a Gebruik die onderstaande diagram van die goederemarkmodel om die vermenigvuldiger te bereken (Diagramme A en B is identies) Toon die formule (1)
-
-
-
-

- b Use the following two goods market models to illustrate the difference between the impact of an increase of 200 in government spending (Diagram A) and the impact of a simultaneous increase of 200 in government spending and an increase of 200 in taxes (Diagram B) on the level of output and income

Label all axes and curves and clearly indicate the following on both diagrams

- Autonomous spending values
 - The values of the equilibrium level of output and income
 - The size and direction of the change in government spending, taxes and the level of output and income
- (8)

- b Gebruik die onderstaande twee goederemarkmodelle om die verskil tussen die impak van 'n toename van 200 in owerheidsbesteding (Diagram A) en die impak van 'n gelyktydige toename van 200 in owerheidsbesteding en 'n styging van 200 in belasting (Diagram B) op die produksie- en inkomopeil te illustreer

Benoem alle asse en krommes en toon duidelik die volgende op beide diagramme aan

- Outonome bestedingswaardes
 - Die waardes van die ewewigsproduksie- en inkomopeil
 - Die grootte en rigtingverandering van die verandering in owerheidsbesteding, belasting en die produksie- en inkomopeil
- (8)

Diagram A

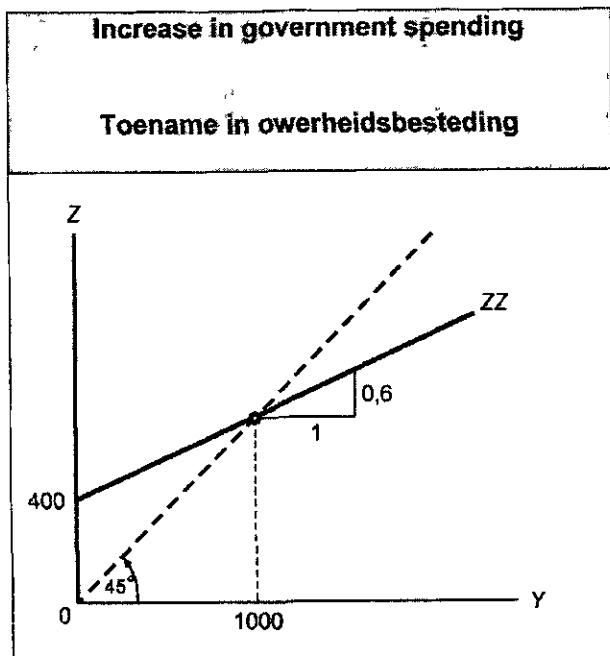
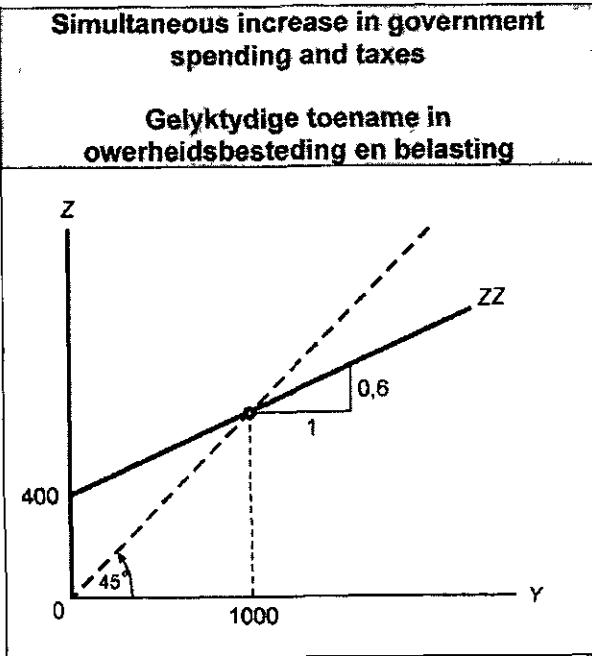


Diagram B



Note Calculations (rough work) will not be marked All 8 marks come from your graphical illustration on and labelling of the two diagrams

Nota Berekening (rofwerk) word nie gemerk nie Al 8 punte kom van u grafiese illustrasie op en benoeming van die twee diagramme

Rough work/Rofwerk

QUESTION 2/VRAAG 2 (4 marks/4 punte)

Use a demand for money curve to illustrate the effect of

- a An increase of the interest rate in Diagram A on the quantity of money demanded
- b A decrease of the level of output and income in Diagram B on the demand for money

Gebruik 'n geldvraagkromme om die effek van die volgende te illustreer

- a 'n Styging in die rentekoers op die hoeveelheid geld gevra in Diagram A
- b 'n Daling in die produksie- en inkomepeil op die vraag na geld in Diagram B

Diagram A**Diagram B**

An increase of the interest rate 'n Styging in die rentekoers	A decrease of the level of output and income 'n Daling in die produksie- en inkomepeil

[TURN OVER]
[BLAAI OM]

QUESTION 3/VRAAG 3 (7 marks/7 punte)

- a During periods of low economic growth, the output and income levels decline in the economy. It is also possible to move into a recession, in other words a decrease in real GDP for two or more consecutive periods (where a period is three months)

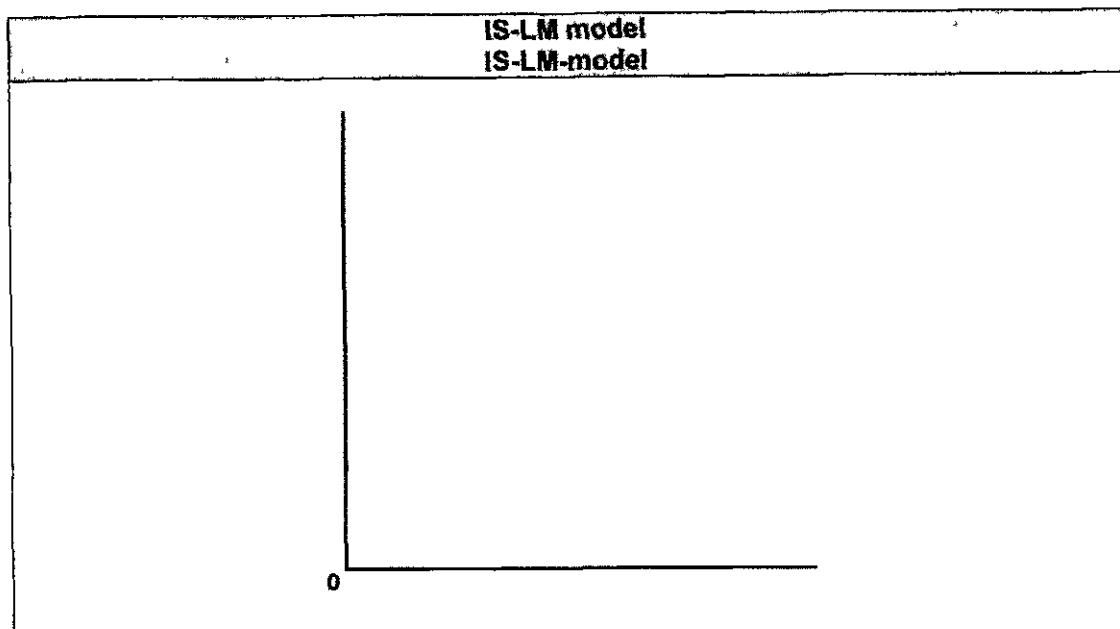
Use the following IS-LM model to illustrate graphically and explain by using **chain of events** how a combination of fiscal and monetary policies can be used to counteract the negative impact on the economy of low growth to increase the output and income level and to reach the full-employment level. Clearly indicate the full-employment level on the diagram

(5)

- a Gedurende periodes van lae ekonomiese groei daal die produksie- en inkompeil in die ekonomie. Dit is ook moontlik om in 'n resessie in te beweeg, met ander woorde, 'n negatiewe groei in reele BBP vir twee of meer agtereenvolgende periodes (waar 'n periode drie maande is)

Gebruik die volgende IS-LM-model om grafies te illustreer en te verduidelik deur gebruik te maak van **gebeurteniskettings** hoe 'n kombinasie van fiskale en monetêre beleide gebruik kan word om die negatiewe impak van lae ekonomiese groei op die ekonomie teen te werk ten einde die produksie- en inkompeil te verhoog en volle indiensneming te bereik. Toon duidelik die volle indiensnemingspeil op die diagram aan

(5)


Chain of events / Gebeurteniskettings

[TURN OVER]
[BLAAI OM]

- b Explain by using a chain of events what the impact of the combination of monetary and fiscal policies needed to reach the full employment level of output and income will be on the **equilibrium interest rate** (2)
- b Verduidelik, deur gebruik te maak van gebeurteniskettings, die impak op die **ewewigsrentekoers** van 'n kombinasies van fiskale en monetêre beleide wat nodig is om die volle indiensnemingspeil van inkome en produksie te bereik (2)

Impact on the equilibrium interest rate / Impak op die ewewigsrentekoers

QUESTION 4/VRAAG 4 (15 marks/15 punte)

Question 4.1/Vraag 4 1 (9 marks/9 punte)

- a List the components of the "domestic demand for goods" Give an example which would lead to an **increase** in the domestic demand for goods (1½)
- a Lys die komponente van die "binnelandse vraag na goedere" Gee 'n voorbeeld wat sal lei tot 'n **styging** in die binnelandse vraag na goedere (1½)

Components / Komponente

Example / Voorbeeld

- b List the components of the "demand for domestic goods" Give an example which would lead to an **increase** in the demand for domestic goods (1½)
- b Lys die komponente van die "vraag na binnelandse goedere" Gee 'n voorbeeld wat sal lei tot 'n **styging** in die vraag na binnelandse goedere (1½)

Components / Komponente

Example / Voorbeeld

- c Use the following two diagrams (given the initial equilibrium level Y_1) to show graphically (illustrate) the impact of the following two events on the level of output and income and on the trade balance
 - (i) an increase in the "domestic demand for goods" in Diagram A,
 - (ii) an increase in the "demand for domestic goods" in Diagram B

Compare the impact on the level of output and income and on the trade balance (6)

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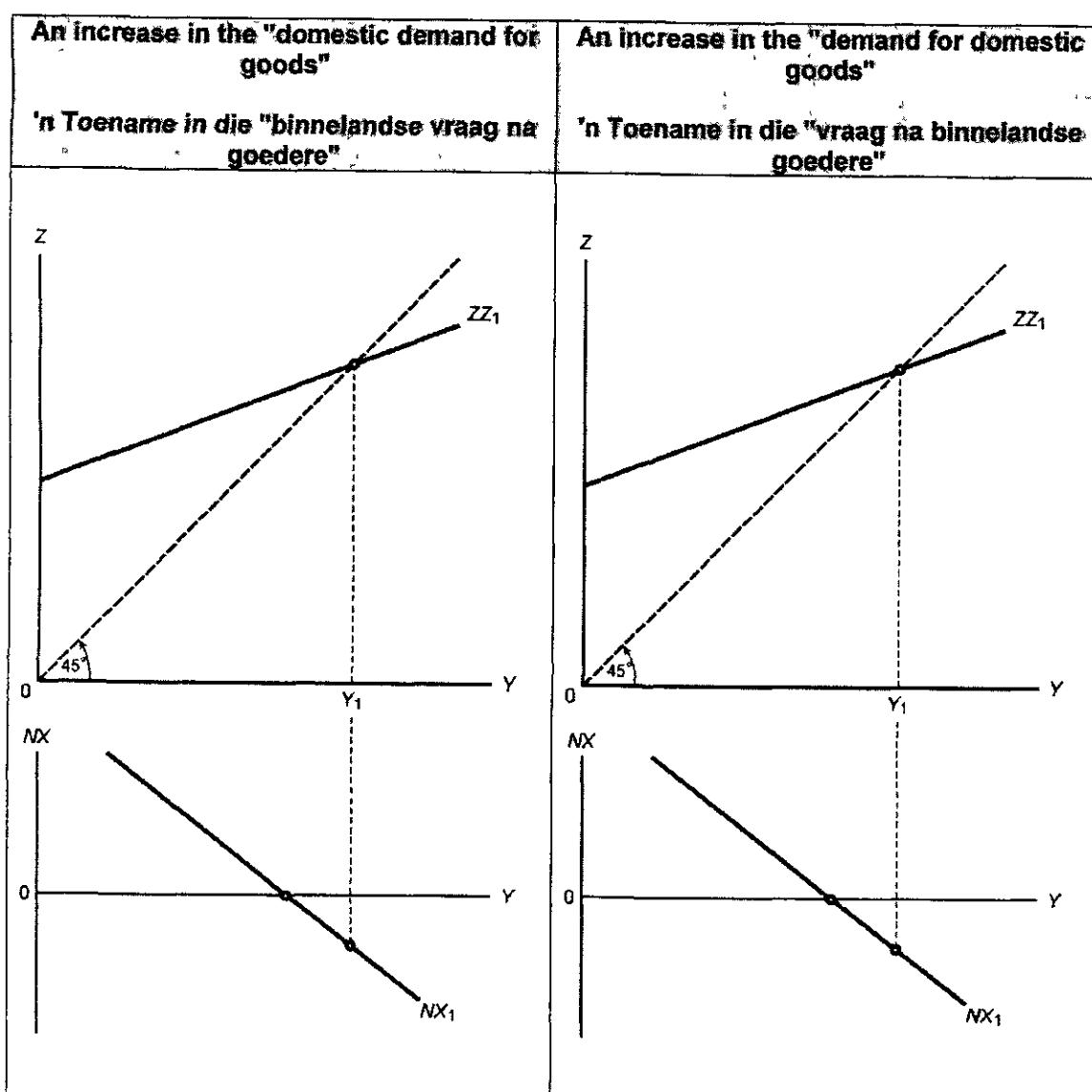
- c Gebruik die volgende twee diagramme (gegewe die aanvanklike ewewigsspel Y_1) om grafies aan te toon (te illustreer) wat die impak van die volgende twee gebeure op die produksie- en inkomepeil en die handelsbalans is

- (i) 'n toename in die "binnelandse vraag na goedere" in Diagram A,
- (ii) 'n toename in die "vraag na binnelandse goedere" in Diagram B

Vergelyk die impak op die produksie- en inkomepeil en op die handelsbalans (6)

Diagram A

Diagram B



Comparison of the results on the **output and income level** / Vergelyking van die resultate op die **produksie- en inkomopeil**:

Comparison of the results on the **trade balance** / Vergelyking van die resultate op die **handelsbalans**:

Question 4.2/Vraag 4.2 (6 marks/6 punte)

Use the following IS-LM model for an open economy to explain the possible impact of a decrease in government spending on the goods market, the financial market, the exchange rate and the trade balance

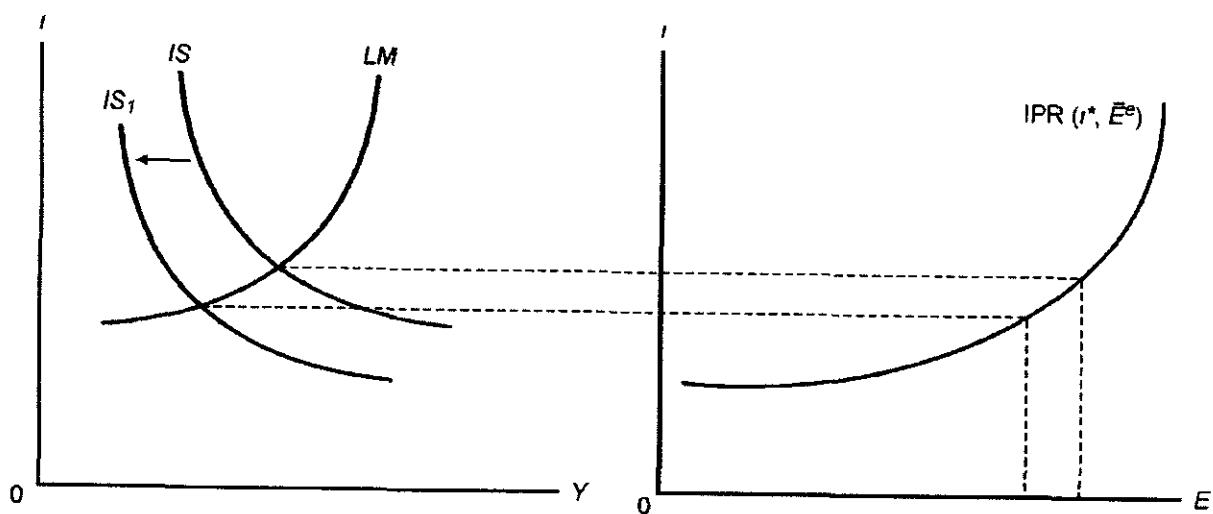
You can use a chain of events or words to explain the impact

(6)

Gebruik die onderstaande IS-LM-model vir 'n oop ekonomiese om die moontlike impak van 'n afname in owerheidsbesteding op die goederemark, die finansiële mark, die wisselkoers en die handelsbalans te verduidelik.

U kan van gebeurteniskettings of woorde gebruik maak om die impak te verduidelik.

(6)



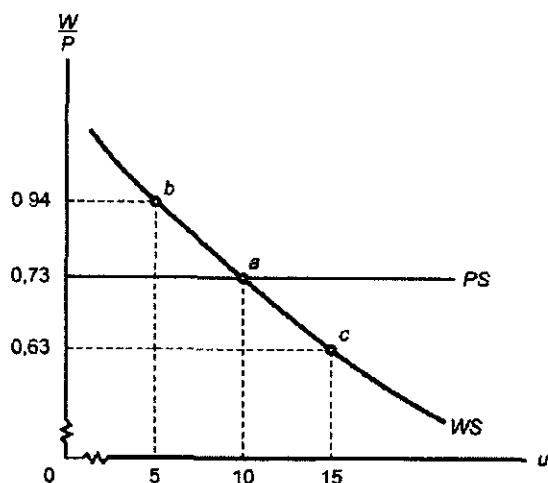
Explanation/Verduideliking

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QUESTION 5/VRAAG 5 (12 marks/12 punte)**Question 5.1/Vraag 5.1 (5 marks/5 punte)**

Use the following diagram to answer questions a, b and c

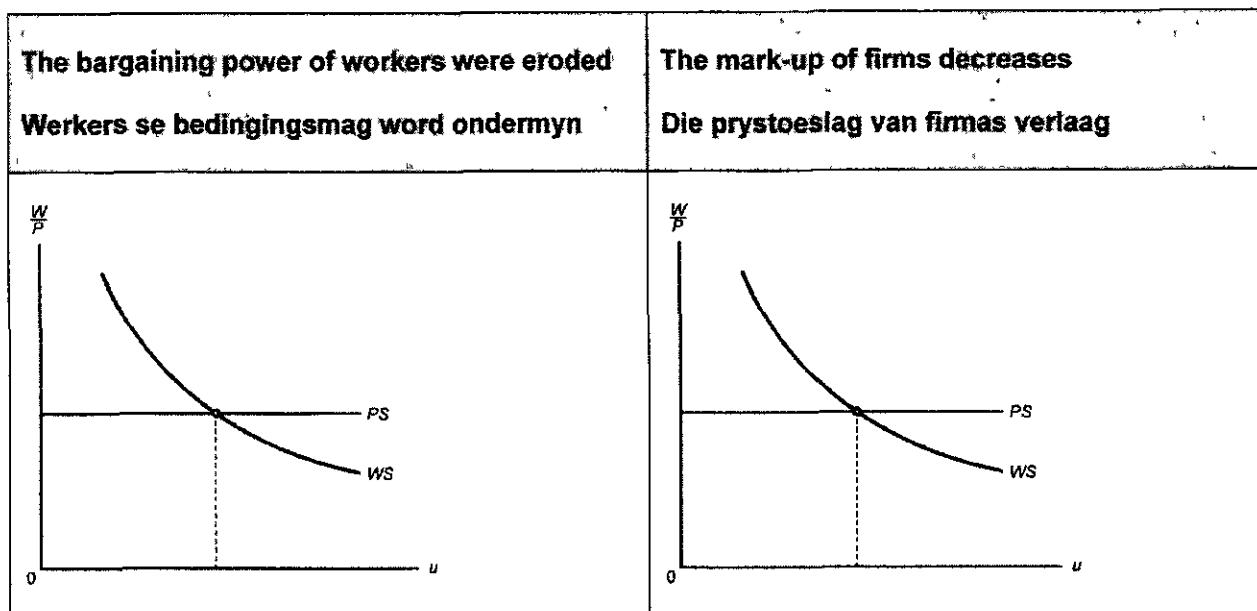
Gebruik die volgende diagram om vroeë a, b en c te beantwoord



- a What is the value of the natural rate of unemployment? (1)
 a Wat is die waarde van natuurlike werkloosheidskoers? (1)
-
-

- b Define the natural rate of unemployment (2)
 b Definieer die natuurlike werkloosheidskoers (2)
-
-

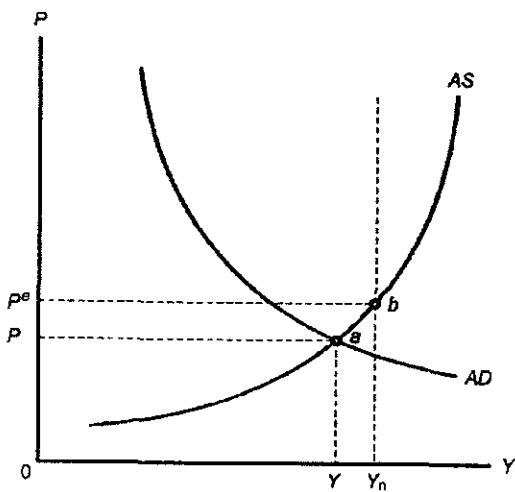
- c I Show graphically on diagram A below what would happen to the natural rate of unemployment if the bargaining power of workers is eroded by labour legislation (1)
- c I Toon grafies op diagram A hieronder wat met die natuurlike werkloosheidskoers sou gebeur indien werkers se bedingingsmag deur arbeidswetgewing ondermyn word (1)
- c II Show graphically on diagram B below what would happen to the natural rate of unemployment if firms were forced by anti-monopolistic legislation to decrease their mark-up (1)
- c II Toon grafies op diagram B hieronder wat met die natuurlike werkloosheidskoers sou gebeur as firmas deur anti-monopolistiese wetgewing gedwing sou word om hul prystoeslag te verlaag (1)

Diagram A**Diagram B****Question 5 2/Vraag 5.2 (7 marks/7 punte)**

- a List one factor that will shift the AD curve rightwards in the AS-AD model. Clearly indicate the change in the direction of the factor (1)
- a Lys een faktor wat die AD-kromme regswaarts sal verskuif in die AS-AD model. Toon duidelik die rigting van die verandering van die faktor aan (1)

- b List one factor that will shift the AS curve upwards in the AS-AD model Clearly indicate the change in the direction of the factor (1)
- b Lys een faktor wat die AS-kromme opwaarts sal verskuif in die AS-AD model Toon duidelik die rigting van die verandering van die faktor aan (1)
-
-

- c Study the following diagram At point a (the short run) the actual price level is lower than the expected price level Explain the adjustment process from the short run (point a) to the medium run (label the medium run point c on the diagram) Clearly indicate on the diagram the shift of and/or movement along the curve(s) to reach the medium run (5)
- c Bestudeer die onderstaande diagram By punt a (die korttermyn) is die werklike pryspeil laer as die verwagte pryspeil Verduidelik die aanpassingsproses van die korttermyn (punt a) na die medium termyn (benoem die medium termyn punt c op die diagram) Toon duidelik op die diagram die verskuwing van en/of beweging langs die kromme(s) aan ten einde die medium termyn te bereik (5)



Explanation of the adjustment to the medium run / Verduideliking van die aanpassing na die medium termyn

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SECTION B: COMPULSORY (50 marks)

**THE ENGLISH VERSION OF THE MULTIPLE CHOICE QUESTIONS START ON PAGE 20
THE AFRIKAANS VERSION OF THE MULTIPLE CHOICE QUESTIONS START ON PAGE 28**

INSTRUCTIONS

In this section ALL questions must be answered on the **mark reading sheet** which is supplied
Carefully follow the instructions for the completion of a mark reading sheet.

- (i) Suppose a question reads as follows

An increase in the level of output

- 1 decreases the level of income in the economy
- 2 has no impact on the level of income in the economy
- 3 increases the level of income in the economy
- 4 causes firms to employ less factors of production

The correct answer is 3 You must therefore mark 3 on your mark reading sheet

- (ii) Only one of the alternatives per question – listed as 1, 2, etc – is correct You must therefore not mark more than one alternative per question
- (iii) For a correct answer you receive **2½ marks**. No marks are deducted for incorrect answers
- (iv) Section B consists of 20 questions and thus counts 50 marks out of the total of 100

Your mark reading sheet may get lost. You MUST therefore also write your answers to this section on page 27 of your examination answer book, for example 1(4); 2(3); 3(1); etc.

AFDELING B: VERPLIGTEND (50 punte)**DIE AFRIKAANSE MEERKEUSEVRAE BEGIN OP BLADSY 28****INSTRUKSIES**

In hierdie afdeling moet AL die vrae op die merkleesblad wat voorsien is, beantwoord word. Volg die instruksies vir die voltooiing van 'n merkleesblad sorgvuldig.

- (i) Veronderstel 'n vraag lees soos volg

'n Styging in die produksiepeil

- 1 verminder die inkomepeil in die ekonomie
- 2 het geen invloed op die inkomepeil in die ekonomie
- 3 verhoog die inkomepeil in die ekonomie
- 4 veroorsaak dat firmas minder produksiefaktore in diens neem

Die korrekte antwoord is 3 U moet dus 3 op u merkleesblad merk

- (ii) Slegs een van die alternatiewe per vraag, gelys as 1, 2, ens is korrek U moet dus nie meer as een alternatief per vraag merk nie
- (iii) Vir 'n korrekte antwoord ontvang u **2½ punte** Geen punte word vir verkeerde antwoorde afgetrek nie
- (iv) Afdeling B bestaan uit 20 vrae en tel dus 50 punte uit die totaal van 100

U merkleesblad mag wegraak. U MOET dus ook u antwoorde op hierdie afdeling op bladsy 35 in u eksamenantwoordboek neerskryf, byvoorbeeld 1(4); 2(3); 3(1); ens.

SECTION B: COMPULSORY (50 marks)**The unique number for ECS2602 is 477035**

- 1 Which of the following statements are correct?
- a The main instrument of fiscal policy is the budget, while the main policy variables are government spending and taxation
 - b The result of the implementation of expansionary fiscal policy is that the budget deficit increases
 - c An expansionary monetary policy entails an increase in the money supply to bring about a decrease in the interest rate in order to increase the demand for goods in the economy
 - d A contractionary monetary policy entails a decrease in the money supply and in the IS-LM model the LM curve will shift upwards
- 1 a, b, c and d
 - 2 Only a, b and c
 - 3 Only b, c and d
 - 4 Only a, c and d
 - 5 Only a, b and d
- 2 In the goods market model a decrease in consumer and investor confidence is represented by
- 1 a downward shift of the demand for goods curve and via the multiplier effect the equilibrium level of output and income declines
 - 2 an upward shift of the demand for goods curve and via the multiplier effect the equilibrium level of output and income increases
 - 3 a steeper demand for goods curve and the equilibrium level of output and income increases
 - 4 a flatter demand for goods curve and the equilibrium level of output and income decreases
- 3 Given that $c_o = R100$, $\bar{I} = R250$, $G = R300$, $c = \frac{3}{4}$, $T = R100$ and $Y_F = R3\ 000$ the equilibrium level of income is _____ and in order to reach the full-employment level of income, government spending (G) must increase by _____ or taxes (T) must decrease by _____
- 1 R2 200, G must increase by R200, or T must decrease by R266 67
 - 2 R2 300, G must increase by R200, or T must decrease by R266 67
 - 3 R2 200, G must increase by R175, or T must decrease by R233 33
 - 4 R2 300, G must increase by R175, or T must decrease by R233 33

4 If the central bank wishes to increase the interest rate in the economy the central bank should implement

- 1 expansionary monetary policy which involves the selling of bonds by the central bank on the open market to decrease the supply of money The interest rate will increase
- 2 contractionary monetary policy which involves the buying of bonds by the central bank on the open market to increase the supply of money The interest rate will increase
- 3 contractionary monetary policy which involves the selling of bonds by the central bank on the open market to decrease the supply of money The interest rate will increase
- 4 expansionary monetary policy which involves the buying of bonds by the central bank on the open market to increase the supply of money The interest rate will increase

5 Which of the following statement(s) is/are correct?

If the financial market is in a liquidity trap

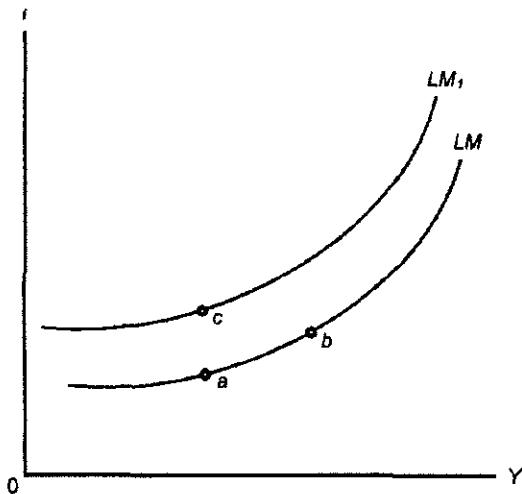
- a financial money market participants will buy bonds if the money supply is increased
- b monetary policy is ineffective in bringing about a decrease in the interest rate
- c it is more effective for authorities to use fiscal policy when the economy is in a liquidity trap

- 1 a, b and c
- 2 Only a and b
- 3 Only b and c
- 4 Only a and c
- 5 Only b

6 Which one of the following statements is incorrect with regards to an IS curve?

- 1 To derive the IS curve, the first equilibrium point is determined for a specific interest rate which relates to a corresponding total demand for goods curve which relates to a specific output and income level
- 2 To plot the second point of the IS curve the interest rate can be decreased to determine the effect on the output and income level
- 3 When the IS curve is derived we assume that government spending, taxation and consumer confidence remain unchanged
- 4 The IS curve has a negative slope because an increase in the interest rate will cause a decrease in consumer spending

Study the following LM curve and answer question 7 that follows



- 7 Which of the following statement(s) is/are correct?
- At point a the demand for money is higher than at point b
 - At point c the money supply is higher than at point a
 - At point a, point b and point c the financial market is in equilibrium
- a, b and c
 - Only a
 - Only b
 - Only c
 - Only a and c
- 8 Comparing the impact on the IS-LM model for a closed economy of an expansionary monetary policy with an expansionary fiscal policy on investment spending the result is that
- In both cases investment spending definitely increases
 - In the case of fiscal policy investment spending is indeterminate and in the case of monetary policy investment spending is higher
 - In both cases investment spending is indeterminate
 - In both cases investment spending definitely decreases
 - In the case of fiscal policy investment spending is higher and in the case of monetary policy investment spending is lower

9 If investors, based on the following information,

Domestic interest rate in SA on South African bonds 12%

Domestic interest rate in the USA on USA bonds 6%

prefer to buy USA bonds it indicates that they expect the R/\$ exchange rate to

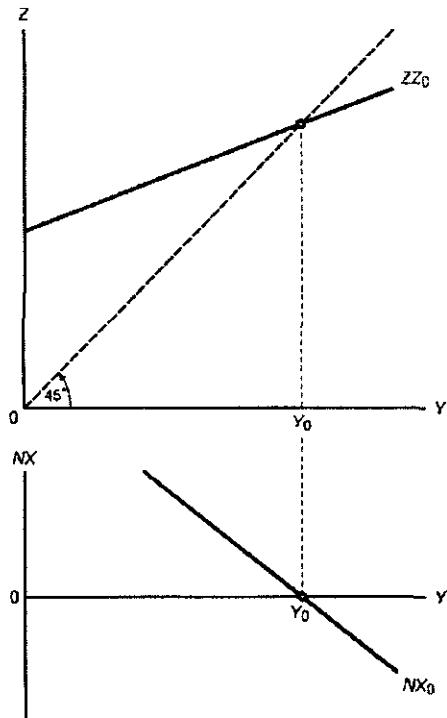
- 1 be unchanged
- 2 appreciate by less than 6%
- 3 depreciate by less than 6%
- 4 depreciate by more than 6%
- 5 appreciate by more than 6%

10 Which of the following statements are correct?

Imports are a function of the

- a level of domestic output and income
 - b level of foreign output and income
 - c expected price level
 - d real exchange rate
- 1 a, c and d
 - 2 b, c and d
 - 3 Only a and d
 - 4 Only b and d
 - 5 Only a and c

Use the following diagram to answer question 11



- 11 Given the goods market equilibrium at Y_0 in the diagram above, what happens to the level of output and the trade balance in the event of a real depreciation of the exchange rate?
- a The level of output decreases and the trade balance would deteriorate due to the Marshall-Lerner condition
 - b The level of output increases and the trade balance would improve due to the Marshall-Lerner condition
 - c The level of output increases and the trade balance would deteriorate due to the Marshall-Lerner condition
 - d The level of output decreases and the trade balance would improve due to the Marshall-Lerner condition
- 1 Only a
 2 Only b
 3 Only c
 4 Only d
 5 Not option 1, 2, 3 or 4

- 12 An increase in the domestic interest rate causes the domestic currency to
- 1 depreciate since a higher interest rate discourages foreign capital inflows
 - 2 appreciate since a higher interest rate encourages foreign capital inflows
 - 3 depreciate since a higher interest rate encourages foreign capital inflows
 - 4 appreciate since a higher interest rate discourages foreign capital inflows
- 13 In the IS-LM model for an open economy, an expansionary monetary policy has the following impact
- 1 A decrease in the interest rate which causes a capital outflow, a depreciation of the exchange rate, an increase in exports and an improvement of the trade balance
 - 2 An increase in the interest rate which causes a capital outflow, an appreciation of the exchange rate, a decrease in exports and a deterioration of the trade balance
 - 3 An increase in the interest rate which causes a capital inflow, a depreciation of the exchange rate, an increase in exports and an improvement of the trade balance
 - 4 A decrease in the interest rate which causes a capital inflow, an appreciation of the exchange rate, a decrease in exports and a deterioration of the trade balance
- 14 Comparing the impact of a contractionary monetary policy with an expansionary fiscal policy in the IS-LM model for an open economy on the exchange rate and trade deficit the results are that
- 1 in both cases the exchange rate appreciates and the trade deficit decreases
 - 2 in both cases the exchange rate appreciates while the trade deficit for fiscal policy increases and for monetary policy it decreases
 - 3 for fiscal policy the exchange rate depreciates and the trade deficit increases while for monetary policy the exchange rate appreciates and the trade deficit decreases
 - 4 for fiscal policy the exchange rate appreciates and the trade deficit decreases while for monetary policy the exchange rate depreciates and the trade deficit increases
 - 5 in both cases the exchange rate appreciates and the trade deficit increases
- 15 Which of the following factors will cause an increase in the nominal wage demands of labour?
- a A higher expected price level
 - b A lower level of unemployment
 - c A decrease in the demand for labour
 - d The implementation of better unemployment benefits
- 1 a, b, c and d
 - 2 Only a, b and c
 - 3 Only b, c and d
 - 4 Only a, b and d
 - 5 Only a and b

16 If the mark-up by firms increases, the

- a price per unit will increase, given the nominal wage
- b price per unit will decrease, given the nominal wage
- c PS curve will shift upwards
- d PS curve will shift downwards

- 1 a and c
- 2 b and c
- 3 a and d
- 4 b and d
- 5 Only d

17 Which of the following factor(s) will shift the wage-setting curve upwards?

- a A decrease in the unemployment rate
- b An increase in unemployment benefits
- c An increase in the mark-up of firms
- d Labour legislation that provides workers with more protection
- e An increase in the nominal wage

- 1 Only c
- 2 Only b and d
- 3 b, c, d and e
- 4 a, b, d and e
- 5 a, b and c

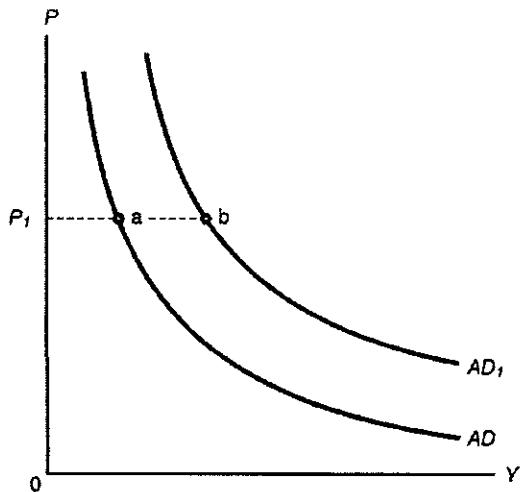
18 The AS curve has a positive slope because

- 1 an increase in output is accompanied by an increase in nominal wages
- 2 an increase in output is accompanied by an increase in real wages
- 3 an increase in output increases the expected price level
- 4 an increase in output is accompanied by a decrease in nominal wages
- 5 an increase in output is accompanied by an increase in the demand for goods

19 If the actual price level is lower than the expected price level it causes

- 1 labour to bargain for a higher nominal wage and consequently the price level increases and the AS curve shifts upwards
- 2 labour to bargain for a lower nominal wage and consequently the price level decreases and the AS curve shifts downwards
- 3 labour to bargain for a higher nominal wage and consequently total spending increases and the AD curve shifts to the right
- 4 labour to bargain for a lower nominal wage and consequently the price level increases and the AS curve shifts lower

Question 20 is based on the following diagram



- 20 If the rightward shift of the AD curve is due to an increase in the nominal money supply, the situation at point b compared to point a is such that the
- 1 level of government spending is higher
 - 2 level of taxation is lower
 - 3 real money supply is lower
 - 4 interest rate is higher
 - 5 level of investment spending is higher

Your mark-reading sheet can get lost and you must therefore also write down your answers for Section B in the space provided below.

1	8	15
2	9	16
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4	11	18
5	12	19
6	13	20
7	14	

[TURN OVER]
[BLAAI OM]

AFDELING B VERPLIGTEND (50 punte)
Die unieke nommer vir ECS2602 is 477035

- 1 Watter van die volgende stellings is korrek?
- a Die hoofinstrument van fiskale beleid is die begroting en die belangrikste beleidsveranderlikes is owerheidsbesteding en belasting
 - b Die gevolg van die implementering van ekspansionistiese fiskale beleid is dat die begrotingstekort toeneem
 - c 'n Ekspansionistiese monetêre beleid behels die verhoging in die geldvoorraad om sodoende die rentekoers te verlaag ten einde die totale vraag na goedere in die ekonomiese te verhoog
 - d 'n Beperkende monetêre beleid behels die afname in die geldvoorraad en in die IS-LM model sal die LM-kromme opwaarts verskuif
- 1 a, b, c en d
 2 Slegs a, b en c
 3 Slegs b, c en d
 4 Slegs a, c en d
 5 Slegs a, b en d
- 2 In die goederemarkmodel word 'n afname in verbruikers- en investeerdersvertroue verteenwoordig deur
- 1 'n afwaartse verskuiwing van die goederevraagkromme en via die vermenigvuldigerseffek daal die ewewigsproduksie- en inkomepeil
 - 2 'n opwaartse verskuiwing van die goederevraagkromme en via die vermenigvuldigerseffek styg die ewewigsproduksie- en inkomepeil
 - 3 'n steiler goederevraagkromme en die ewewigsproduksie- en inkomepeil styg
 - 4 'n platter goederevraagkromme en die ewewigsproduksie- en inkomepeil daal
- 3 Gegewe dat $c_o = R100$, $\bar{I} = R250$, $G = R300$, $c = \frac{3}{4}$, $T = R100$ en $Y_F = R3\ 000$, is die ewewigsinkomepeil en ten einde die volle indiensneming inkomepeil te bereik, moet owerheidsbesteding (G) met styg of belasting (T) moet daal met
- 1 R2 200, G moet styg met R200, of belasting moet daal met R266 67
 - 2 R2 300, G moet styg met R200, of belasting moet daal met R266 67
 - 3 R2 200, G moet styg met R175, of belasting moet daal met R233 33
 - 4 R2 300, G moet styg met R175, of belasting moet daal met R233 33

4 Indien die sentrale bank die rentekoers in die ekonomiese wil laat toeneem, sal die sentrale bank

- 1 ekspansionistiese monetêre beleid toepas wat die verkoop van effekte deur die sentrale bank op die oemark behels om die geldvoorraad verlaag. Die rentekoers sal styg
- 2 beperkende monetêre beleid toepas wat die aankoop van effekte deur die sentrale bank op die oemark behels om die aanbod van geld te verlaag. Die rentekoers sal styg
- 3 beperkende monetêre beleid toepas wat die verkoop van effekte deur die sentrale bank op die oemark behels om die aanbod van geld te verlaag. Die rentekoers sal styg
- 4 ekspansionistiese monetêre beleid behels wat die aankoop van effekte deur die sentrale bank op die oemark behels om die aanbod van geld te verhoog. Die rentekoers sal styg

5 Watter van die volgende stellings is korrek?

Indien die finansiële mark in 'n likiditeitslokval is, sal

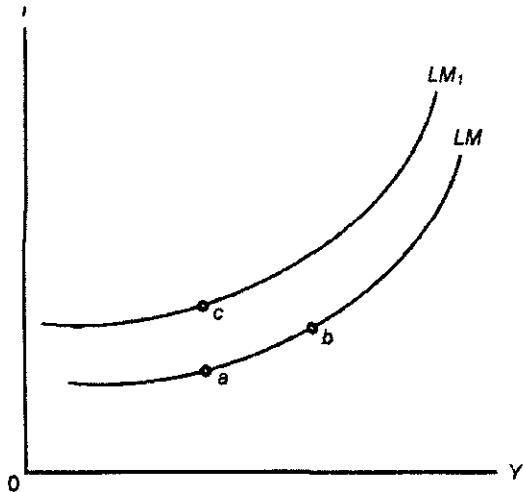
- a finansiële markdeelnemers effekte wil aankoop indien die geldvoorraad verhoog
- b monetêre beleid oneffektief wees ten einde 'n daling in die rentekoers te weeg te bring
- c dit meer effektief vir owerhede wees om fiskale beleid te gebruik indien die ekonomiese in 'n likiditeitslokval is

- 1 a, b en c
- 2 Slegs a en b
- 3 Slegs b en c
- 4 Slegs a en c
- 5 Slegs b

6 Watter een van die volgende stellings is verkeerd met betrekking tot die IS-kromme?

- 1 Om die IS-kromme af te lei, word die eerste ewewigspunt bepaal vir 'n spesifieke rentekoers wat verband hou met 'n ooreenstemmende totale goederevraagkromme wat verband hou met 'n spesifieke produksie- en inkomepeil
- 2 Om die tweede punt van die IS-kromme te stippel, kan die rentekoers verlaag word om te bepaal wat die effek op die produksie- en inkomepeil is
- 3 Wanneer die IS-kromme afgeler word, maak ons die aanname dat owerheidsbesteding, belasting en verbruikersvertroue onveranderd bly
- 4 Die IS-kromme het 'n negatiewe helling omdat 'n styging in die rentekoers 'n afname in verbruiksbesteding sal veroorsaak

Bestudeer die onderstaande LM-kromme en beantwoord vraag 7 wat volg



7 Watter van die volgende stelling(s) is korrek?

- a By punt a is die vraag na geld hoer in vergeleke met punt b
 - b By punt c is die geldvoorraad hoer in vergeleke met punt a
 - c By punt a, punt b en punt c is die finansiële mark in ewewig
- 1 a, b en c
 - 2 Slegs a
 - 3 Slegs b
 - 4 Slegs c
 - 5 Slegs a en c

8 Deur die impak in die IS-LM-model vir 'n geslotte ekonomie van 'n ekspansionistiese monetêre beleid te vergelyk met dié van 'n ekspansionistiese fiskale beleid op investeringsbesteding is die resultaat dat

- 1 In beide gevalle is investeringsbesteding beslis hoer
- 2 In die geval van fiskale beleid is investeringsbesteding onbepaald en in die geval van monetêre beleid is investeringsbesteding hoer
- 3 In beide gevalle is investeringsbesteding onbepaald
- 4 In beide gevalle is investeringsbesteding beslis laer
- 5 In die geval van fiskale beleid is investeringsbesteding hoer en in die geval van monetêre beleid is investeringsbesteding laer

9 Indien investeerders, gegewe die volgende inligting,

Binnelandse rentekoers in SA op RSA-effekte 12%
Binnelandse rentekoers in die VSA op VSA-effekte 6%

verkies om VSA-effekte te koop, toon dit aan dat hulle verwag dat die R/\$-wisselkoers

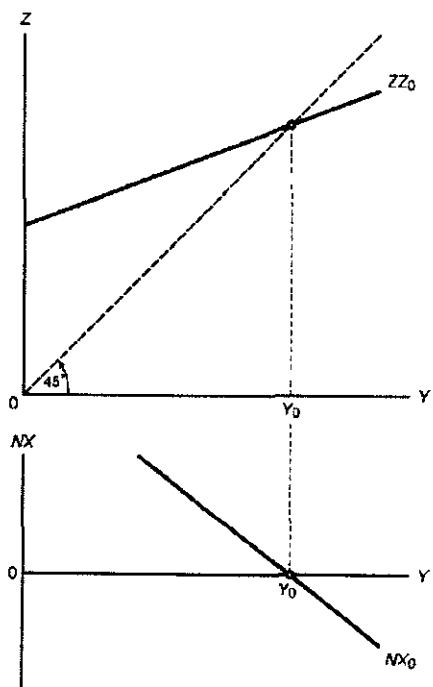
- 1 onveranderd gaan bly
- 2 met minder as 6% gaan appresieer
- 3 met minder as 6% gaan depresieer
- 4 met meer as 6% gaan depresieer
- 5 met meer as 6% gaan appresieer

10 Watter van die volgende stellings is korrek?

Invoer is 'n funksie van die

- a binnelandse produksie- en inkomopeil
 - b buitelandse produksie- en inkomopeil
 - c verwagte pryspeil
 - d reele wisselkoers
- 1 a, c en d
 - 2 b, c en d
 - 3 Slegs a en d
 - 4 Slegs b en d
 - 5 Slegs a en c

Gebruik die onderstaande diagram om vraag 11 te beantwoord



[TURN OVER]
[BLAAI OM]

- 11 Gegewe die goederemarkewig by Y_0 in die diagram hierbo, wat sal gebeur met die produksiepeil en die handelsbalans in die geval van 'n reële depresiasie in die wisselkoers?
- Die produksiepeil neem af en die handelsbalans sal verswak as gevolg van die Marshall-Lernervoorwaarde
 - Die produksiepeil neem toe en die handelsbalans sal verbeter as gevolg van die Marshall-Lernervoorwaarde
 - Die produksiepeil neem toe en die handelsbalans sal verswak as gevolg van die Marshall-Lernervoorwaarde
 - Die produksiepeil neem af en die handelsbalans sal verbeter as gevolg van die Marshall-Lernervoorwaarde
- Slegs a
 - Slegs b
 - Slegs c
 - Slegs d
 - Nie opsie 1, 2, 3 of 4 nie
- 12 'n Styging in die binnelandse rentekoers veroorsaak dat die binnelandse geldeenheid
- depresieer aangesien 'n hoer rentekoers buitelandse kapitaalinvloeie ontmoedig
 - appresieer aangesien 'n hoer rentekoers buitelandse kapitaalinvloeie aanmoedig
 - depresieer aangesien 'n hoer rentekoers buitelandse kapitaalinvloeie aanmoedig
 - appresieer aangesien 'n hoer rentekoers buitelandse kapitaalinvloeie ontmoedig
- 13 In die IS-LM-model vir 'n oop ekonomie sal 'n ekspansionistiese monetêre beleid die volgende impak uitoeft
- 'n Daling in die rentekoers wat 'n kapitaaluitvloei veroorsaak, 'n depresiasie van die wisselkoers, 'n toename in uitvoer en 'n verbetering van die handelsbalans
 - 'n Styging in die rentekoers wat 'n kapitaaluitvloei veroorsaak, 'n appresiasie van die wisselkoers, 'n afname in uitvoer en 'n verswakkking van die handelsbalans
 - 'n Styging in die rentekoers wat 'n kapitaalinvloei veroorsaak, 'n depresiasie van die wisselkoers, 'n toename in uitvoer en 'n verbetering van die handelsbalans
 - 'n Daling in die rentekoers wat 'n kapitaalinvloei veroorsaak, 'n appresiasie van die wisselkoers, 'n afname in uitvoer en 'n verswakkking van die handelsbalans
- 14 Deur die impak van 'n beperkende monetêre beleid met 'n ekspansionistiese fiskale beleid te vergelyk in die IS-LM-model vir 'n oop ekonomie op die wisselkoers en die handelstekort is die resultate dat
- in beide gevalle die wisselkoers appresieer en die handelstekort daal
 - in beide gevalle die wisselkoers appresieer terwyl die handelstekort vir fiskale beleid styg en vir monetêre beleid daal
 - vir fiskale beleid die wisselkoers depresieer en die handelstekort styg terwyl vir monetêre beleid die wisselkoers appresieer en die handelstekort daal
 - vir fiskale beleid die wisselkoers appresieer en die handelstekort daal terwyl vir monetêre beleid die wisselkoers depresieer en die handelstekort styg
 - in beide gevalle die wisselkoers appresieer en die handelstekort styg

15 Watter van die volgende faktore veroorsaak 'n toename in die nominal looneise van werkers?

- a 'n Hoer verwagte pryspeil
- b 'n Laer werkloosheidspisel
- c 'n Afname in die vraag na arbeid
- d Die implemtering van beter werkloosheidsvoordele

- 1 a, b, c en d
- 2 Slegs a, b en c
- 3 Slegs b, c en d
- 4 Slegs a, b en d
- 5 Slegs a en b

16 Indien die prystoeslag deur firmas styg, sal die

- a prys per eenheid styg, gegewe die nominale loon
- b prys per eenheid daal, gegewe die nominale loon
- c PS-kromme opwaarts verskuif
- d PS-kromme afwaarts verskuif

- 1 a en c
- 2 b en c
- 3 a en d
- 4 b en d
- 5 Slegs d

17 Watter van die volgende faktor(e) sal die loonvasstellingskromme opwaarts verskuif?

- a 'n Daling in die werkloosheidskoers
- b 'n Toename in werkloosheidsvoordele
- c 'n Toename in die prystoeslag van firmas
- d Arbeidswetgewing wat meer beskerming aan werkers bied
- e 'n Styging in die nominale loon

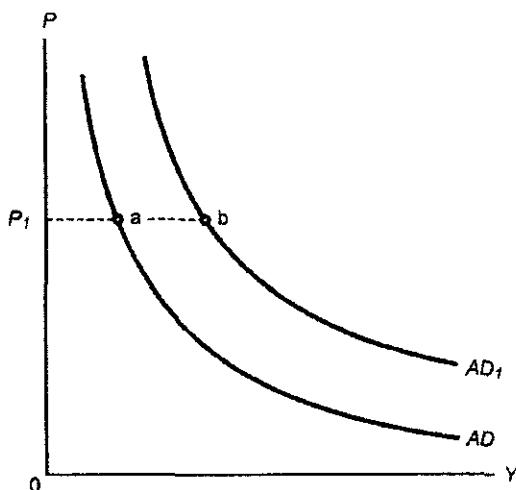
- 1 Slegs c
- 2 Slegs b en d
- 3 b, c, d en e
- 4 a, b, d en e
- 5 a, b en c

18 Die AS-kromme het 'n positiewe helling omrede

- 1 'n toename in produksie gepaardgaan met 'n styging in nominale lone
- 2 'n toename in produksie gepaardgaan met 'n styging in reele lone
- 3 'n toename in produksie, 'n styging in die verwagte pryspeil veroorsaak
- 4 'n toename in produksie gepaardgaan met daling in nominale lone
- 5 'n toename in produksie gepaardgaan met 'n styging in die vraag na goedere

- 19 Indien die werklike pryspeil laer is as die verwagte pryspeil, veroorsaak dit dat
- 1 arbeid hoer nominale lone beding en gevoglik styg die pryspeil en die AS-kromme verskuif opwaarts
 - 2 arbeid laer nominale lone beding en gevoglik daal die pryspeil en die AS-kromme verskuif afwaarts
 - 3 arbeid hoer nominale lone beding en gevoglik styg totale besteding en die AD-kromme verskuif na regs
 - 4 arbeid laer nominale lone beding en gevoglik styg die pryspeil en die AS-kromme verskuif afwaarts

Vraag 20 berus op die onderstaande diagram



- 20 Indien die regswaartse verskuwing van die AD-kromme die gevolg is van 'n toename in die nominale geldvoorraad is, is die posisie by punt b, in vergelyking met punt a sodanig dat die
- 1 owerheidsbestedingpeil hoer is
 - 2 belastingpeil laer is
 - 3 reele geldvoorraad laer is
 - 4 rentekoers hoer is
 - 5 investeringsbestedingspeil hoer is

U merkleeskaart kan verlore raak en daarom moet u ook u antwoorde vir Afdeling B in die spasies hieronder voorsien, neerskryf.

1	8	15
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PART 1 (GENERAL/ALGEMEEN) DEEL 1

STUDY UNIT NO PSY100-X
STUDIE-EENHEID NV PSY100-X

1	-
PAPER NUMBER VRAESTELNOMMER	

INITIALS AND SURNAME
VOORLETTERS EN VAN

3

DATE OF EXAMINATION
DATUM VAN EKSAMEN

4

EXAMINATION CENTRE (E.G. PRETORIA)
EKSAMENSENTRUM (BV. PRETORIA)

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IMPORTANT

- 1 USE ONLY AN HB PENCIL TO COMPLETE THIS SHEET
- 2 MARK LIKE THIS
- 3 CHECK THAT YOUR INITIALS AND SURNAME HAS BEEN FILLED IN CORRECTLY
- 4 ENTER YOUR STUDENT NUMBER FROM LEFT TO RIGHT
- 5 CHECK THAT YOUR STUDENT NUMBER HAS BEEN FILLED IN CORRECTLY
- 6 CHECK THAT THE UNIQUE NUMBER HAS BEEN FILLED IN CORRECTLY
- 7 CHECK THAT ONLY ONE ANSWER PER QUESTION HAS BEEN MARKED
- 8 DO NOT FOLD

For use by examination invigilator

Vir gebruik deur eksamenopsiener

BELANGRIK

- 1 GEBRUIK SLEGS N HB-POTlood OM HIERDIE BLAD TE VOLTOOI!
- 2 MERK AS VOLG
- 3 KONTROLEER DAT U VOORLETTERS EN VAN REG INGEVUL IS
- 4 VUL U STUDENTENOMMER VAN LINKS NA REGS IN.
- 5 KONTROLEER DAT U DIE KORREKTE STUDENTENOMMER VERSTREK HET
- 6 KONTROLEER DAT DIE UNIEKE NOMMER REG INGEVUL IS
- 7 MAAK SEKER DAT NET EEN ALTERNATIEF PER VRAAG GEMERK IS
- 8 MOENIE VOU NIE

PART 2 (ANSWERS/ANTWOORDE) DEEL 2

10

1	c11 c21 c31 c41 c51	36	c11 c21 c31 c41 c51	71	c11 c21 c31 c41 c51	106	c11 c21 c31 c41 c51
2	c11 c21 c31 c41 c51	37	c11 c21 c31 c41 c51	72	c11 c21 c31 c41 c51	107	c11 c21 c31 c41 c51
3	c11 c21 c31 c43 c51	38	c11 c21 c31 c43 c51	73	c11 c21 c31 c43 c51	108	c11 c21 c31 c43 c51
4	c11 c21 c31 c43 c51	39	c11 c21 c31 c43 c51	74	c11 c21 c31 c43 c51	109	c11 c21 c31 c43 c51
5	c11 c21 c31 c43 c51	40	c11 c21 c31 c42 c51	75	c11 c21 c31 c42 c51	110	c11 c21 c31 c42 c51
6	c11 c21 c31 c43 c51	41	c11 c21 c31 c42 c51	76	c11 c21 c31 c43 c51	111	c11 c21 c31 c43 c51
7	c11 c21 c31 c42 c51	42	c11 c21 c31 c42 c51	77	c11 c21 c31 c42 c51	112	c11 c21 c31 c42 c51
8	c11 c21 c31 c43 c51	43	c11 c21 c31 c41 c51	78	c11 c21 c31 c43 c51	113	c11 c21 c31 c43 c51
9	c11 c21 c31 c42 c51	44	c11 c21 c31 c43 c51	79	c11 c21 c31 c43 c51	114	c11 c21 c31 c43 c51
10	c11 c21 c31 c43 c51	45	c11 c21 c31 c41 c51	80	c11 c21 c31 c41 c51	115	c11 c21 c31 c41 c51
11	c11 c21 c31 c41 c51	46	c11 c21 c31 c41 c51	81	c11 c21 c31 c43 c51	116	c11 c21 c31 c43 c51
12	c11 c21 c31 c43 c51	47	c11 c21 c31 c41 c51	82	c11 c21 c31 c41 c51	117	c11 c21 c31 c41 c51
13	c11 c21 c31 c43 c51	48	c11 c21 c31 c43 c51	83	c11 c21 c31 c43 c51	118	c11 c21 c31 c43 c51
14	c11 c21 c31 c42 c51	49	c11 c21 c31 c43 c51	84	c11 c21 c31 c43 c51	119	c11 c21 c31 c43 c51
15	c11 c21 c31 c43 c51	50	c11 c21 c31 c43 c51	85	c11 c21 c31 c43 c51	120	c11 c21 c31 c43 c51
16	c11 c21 c31 c43 c51	51	c11 c21 c31 c41 c51	86	c11 c21 c31 c43 c51	121	c11 c21 c31 c43 c51
17	c11 c21 c31 c42 c51	52	c11 c21 c31 c43 c51	87	c11 c21 c31 c43 c51	122	c11 c21 c31 c43 c51
18	c11 c21 c31 c42 c51	53	c11 c21 c31 c43 c51	88	c11 c21 c31 c43 c51	123	c11 c21 c31 c43 c51
19	c11 c21 c31 c41 c51	54	c11 c21 c31 c43 c51	89	c11 c21 c31 c43 c51	124	c11 c21 c31 c43 c51
20	c11 c21 c31 c43 c51	55	c11 c21 c31 c43 c51	90	c11 c21 c31 c41 c51	125	c11 c21 c31 c43 c51
21	c11 c21 c31 c43 c51	56	c11 c21 c31 c42 c51	91	c11 c21 c31 c43 c51	126	c11 c21 c31 c43 c51
22	c11 c21 c31 c43 c51	57	c11 c21 c31 c43 c51	92	c11 c21 c31 c43 c51	127	c11 c21 c31 c43 c51
23	c11 c21 c31 c43 c51	58	c11 c21 c31 c42 c51	93	c11 c21 c31 c42 c51	128	c11 c21 c31 c42 c51
24	c11 c21 c31 c43 c51	59	c11 c21 c31 c43 c51	94	c11 c21 c31 c43 c51	129	c11 c21 c31 c42 c51
25	c11 c21 c31 c43 c51	60	c11 c21 c31 c41 c51	95	c11 c21 c31 c41 c51	130	c11 c21 c31 c42 c51
26	c11 c21 c31 c42 c51	61	c11 c21 c31 c43 c51	96	c11 c21 c31 c43 c51	131	c11 c21 c31 c41 c51
27	c11 c21 c31 c43 c51	62	c11 c21 c31 c43 c51	97	c11 c21 c31 c43 c51	132	c11 c21 c31 c43 c51
28	c11 c21 c31 c42 c51	63	c11 c21 c31 c42 c51	98	c11 c21 c31 c43 c51	133	c11 c21 c31 c42 c51
29	c11 c21 c31 c43 c51	64	c11 c21 c31 c43 c51	99	c11 c21 c31 c43 c51	134	c11 c21 c31 c43 c51
30	c11 c21 c31 c43 c51	65	c11 c21 c31 c43 c51	100	c11 c21 c31 c43 c51	135	c11 c21 c31 c43 c51
31	c11 c21 c31 c43 c51	66	c11 c21 c31 c43 c51	101	c11 c21 c31 c43 c51	136	c11 c21 c31 c43 c51
32	c11 c21 c31 c43 c51	67	c11 c21 c31 c43 c51	102	c11 c21 c31 c43 c51	137	c11 c21 c31 c43 c51
33	c11 c21 c31 c43 c51	68	c11 c21 c31 c43 c51	103	c11 c21 c31 c43 c51	138	c11 c21 c31 c43 c51
34	c11 c21 c31 c43 c51	69	c11 c21 c31 c43 c51	104	c11 c21 c31 c43 c51	139	c11 c21 c31 c43 c51
35	c11 c21 c31 c43 c51	70	c11 c21 c31 c43 c51	105	c11 c21 c31 c43 c51	140	c11 c21 c31 c43 c51

Specimen only