Introduction to I	Macroecono	mics · Fin	al exam · 2	22 June 201	15					
introduction to 1	viaciocconc	7111103 1111	ui CAuiii 2	LE June 20.	15					
1. Which sentence	e is true?									
(a) The Phillips	curve is Ta	aylor's rul	e when the	e inflation	rate	<b>6.</b> Which se				
equals the int										ment rate are both
(b) The GDP de					tion			aggregate	supply and	aggregate demand
changes and,						model.				
(c) Okun's law, i	n essence,	relates GD1	with the	unemployn	nent					ne interest rate are
rate.							ined in the			
(d) The aggrega										ul to determine the
relationship b	etween inte	erest rate a	nd unemplo	oyment rate	<b>e</b> .					is to represent the
							of open ma			
<b>2.</b> What is the 1									n stating h	ow a central bank
equilibrium of in						would	set the inte	rest rate.		
simultaneously re	moving a p	reviously a	pplied sup	ply-side po	licy?	7 4	4	1 C4:	1	
(a) The inflation										assumed downward
(b) GDP could	remain u	ncnangea	but the	inilation	rate	sloping bec				
increases.	.4 :4 :4				41		ingly, cons			also rises and,
(c) GDP falls bu			to ascertai	n wnetner	tne					rrency depreciates,
inflation rate		or down.								alt, exports fall.
(d) None of the a	bove									ts is automatically
3. In principle, v	what awant	would for	cura avnl	oin a fall	in the					nt contracts.
exchange rate €/\$		would lot	suic expi	aiii a iaii	iii tiic	(d) None of			, ilivestille	iii contracts.
(a) An increase i		taract rata				(d) None c	ine above	C		
(b) A fall in the U		icrest rate				8 Banks h	ave decid	ed to lend	less mon	ey. What measure
(c) A rise in the		flation rate								rate of the banks'
(d) None of the a		manon raic				decision to			ic interest	rate of the banks
(a) None of the a	.0010					(a) An exp			et oneratio	n
<b>4.</b> The Fisher equa	ation					(b) The go				•
(a) mentions neit		erest rate no	or the inflat	tion rate						erves is increased
(b) involves the u						(d) None o			,	
(c) does not relat						· /				
(d) None of the a			<i>8</i>			9. In which	case the a	ggregate d	emand fun	ction would for sure
· /						shift to the	right but th	e inflation	rate could	decrease?
5. Observing, at the	ne same tim	ne, a rise in	the inflati	on rate and	a fall	(a) A supply-side policy is implemented at the same time as				
in the nominal int	erest rate w	ould contra	adict			50% of all the firms close down.				
(a) the macroeco			<b>/</b> .							mented at the same
(b) purchasing po							a supply-s			
(c) the Fisher eff										mplemented at the
(d) None of the a	bove						me as a co		y fiscal po	licy.
						(d) None of	of the above	e		
				TADI	EOEAR	JOWEDO				
			. •			NSWERS		***		
	No answe		-		•	the value of		nswer · We	eight: <b>18%</b>	
	1	2	3	4	5	6	7	8	9	
DNI number		Surr	names					Name		
11	MODET	TTANITEN	ODTHO		TAL OD	CDAMMA	TICAL M	IOTAIZEO	ADEMA	DE
11						GRAMMA LUATE TH				DE,
	Ine I	EACHER	COULD	CHOOSE	IUEVA	LUAIL IN	L LAANI	AS NOT	IAKEN	
<b>1. [2%]</b> Explain	with the	help of t	he quantit	v						
equation, or some										
if it is possible to										
money does not										
2% and the mone				7.3						
					1 3 -				4	
<b>2. [2%]</b> Identify a						ınal		Rea	ıl	
that could take n	egative val	(41	C 41	1. 1 .						
cannot include the				ne variable	5					

<b>3. [3%]</b> Explain what is	
the usefulness of the	
aggregate supply and	
aggregate demand model.	
<b>4. [3%]</b> Explain what	
an open market	
operation is, pick one	
macroeconomic va-	
this kind of operation and indicate how it is	
affected.	
affected.	
<b>5.</b> [3%] (i) What is the	
purchasing power parity	
exchange rate? (ii) State	
the formula that defines	
the concept and indicate	
its units of measurement.	
6. [3%] (i) Write down the savings macroeconomic identity.	
(ii) If possible, find imports if (private) savings are 10, the	
trade balance is zero, consumption is 20, the government	
deficit is zero, the inflation rate is negative, the	
unemployment rate is 24%, exports equal government	
spending, and government spending equals (private) savings.	
<b>7. [3.5%]</b> Explain	
how changes in	
the nominal inte-	
rest rate affect the	
nominal exchan-	
ge rate.	
0. [00/] x	
8. [2%] In the aggregate supply and aggregate demand model,	
identify an event that could simultaneously cause, in equilibrium, an	
increase in the inflation rate and a decrease in GDP.	
9. [2%] Indicate some feature that a In common	Difference
contractionary monetary policy and an	
expansionary fiscal policy have in common	
and another one that differentiates them.	
<b>10.</b> [3%] Select two	
variables of the domestic	
economy that are affected	
by a rise in foreign income	
Y* and explain how the	
change in Y* affects them.	
44 500/3 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
11. [3%] Calculate the real interest rate	
between period $t = 0$ and period $t = 1$ if the	
between period $t = 0$ and period $t = 1$ if the CPI in $t = 0$ is 100, the CPI in $t = 1$ is 90,	
between period $t = 0$ and period $t = 1$ if the CPI in $t = 0$ is 100, the CPI in $t = 1$ is 90, and the nominal interest rate between $t = 0$	
between period $t=0$ and period $t=1$ if the CPI in $t=0$ is 100, the CPI in $t=1$ is 90, and the nominal interest rate between $t=0$ and $t=1$ is 3%.	
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13. [3.5%] Suppose currency has an expiry date: coins and banknotes newly issued by the central bank are legal tender for just six months. Explain how this event is likely to affect the money multiplier.	
14. [2%] Explain whether an expansionary fiscal policy could generate some contractionary effect on the economy.	
15. [2.5%] If the GDP deflator has fallen by 2%, by how much should approximately vary real GDP in order to keep nominal GDP constant? Justify the answer using the corresponding formula.	
16. [2%] Select three fiscal policy tools and two monetary policy tools.	Monetary
17. [4%] Cash in the hands of the public is 100. Deposits amount to 600. With both deposits and the cash in the hands of the public remaining constant, the money multiplier has jumped from 2 to 4. If possible, find the change in the reserve ratio. [List in your calculations all the formulae you use.]	
18. [12%] (i) Suggest an event that could cause a decrease in the equilibrium interesupply and demand function that determine the interest rate are affected by corresponding model, your analysis in parts (i) and (ii). (iv) Explain, and represent a the macroeconomic equilibrium of the event suggested in part (i).	that event. (iii) Represent graphically, in the

19. [12%] (i) Suggest an event that would cause a depreciation of the dollar against the euro. (ii) Explain how, and for what reason, the supply of euros function and the demand for euros function are affected by that event. (iii) Show the effects described in parts (i) and (ii) in a graphical representation of the currency market model. (iv) Explain, and represent graphically in the appropriate model, the effect on the macroeconomic equilibrium of the event suggested in part (i).
20. [12%] (i) Using the AS-AD model explain and analyze graphically the effect on the macroeconomic equilibrium of an economy of
the application in the rest of the world of an expansionary fiscal policy. (ii) Indicate a monetary policy measure that could neutralize the effect on the inflation rate found in part (i). (iii) What effect would the measure suggested in part (ii) on the macroeconomic
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