M	atrNr.	Name:
Ex	camination	Economics II/Intermediate Macroeconomics (No. 5025)
Se	mester:	Summer Semester 2006
Examiners:		Prof. Dr. Gerhard Schwödiauer/ Prof. Dr. Joachim Weimann
The following aids may be used:		Non-programmable pocket calculators; English language dictionaries without any marking.
Time:		120 minutes
the qu ob ne M	tis exam comprises 30 problems; all are to be three optional answers is correct. Do not mestions, otherwise the solution will be consideration 2 points, for every false answer 1 point is ither obtain nor lose a point. In order to pass ake sure that this copy of the exam bears your propriate fields at the top of this page!	ark more than one answer to any of the ered false. For every correct answer you is subtracted. If no answer is marked you this exam at least 20 points are needed. The matriculation number and name in the
<u>Ex</u>	camination Questions:	
1.	Assume that current output prices exceed the wage contracts were concluded by more than other relevant circumstances conform to experiment of the prices exceed the wage contracts were concluded by more than other relevant circumstances conform to experiment of the prices exceed the wage contracts were concluded by more than other relevant circumstances conform to experiment of the prices exceed the wage contracts were concluded by more than other relevant circumstances conform to experiment of the prices exceed the wage contracts were concluded by more than other relevant circumstances conform to experiment of the prices exceed the wage contracts were concluded by more than other relevant circumstances conform to experiment of the prices exceed the wage contracts were concluded by more than other relevant circumstances conform to experiment of the prices exceed the prices the prices exc	the inflation rate then expected, while all
2.	Assume that real GDP is at its natural level wabout their future profits. According to Keyn	
	planned saving and investment by the balance of planned saving rise in real GDP.	ntly fast so that, in the short run, the balance of nt is maintained at an unchanged level of GDP. and investment is maintained by a short-run sly fast so that, in the short run, aggregate is level.

3.	economic refo	n economy is in its natural (medium-run) equilibrium position when rms take effect which significantly reduce the producers' price-setting onsequence, if the aggregate demand curve does not change, the price level
	a) b)	falls in the short run while real GDP remains unchanged. falls in the short run accompanied by a rise in output but returns to its previous level in the medium run.
	c)	falls in the long run by more than in the short run.
4.	euros. It consideration cutting social s	nt decides to cut the budget deficit for the current fiscal year by 10 billion ders three options: (A) reducing government consumption by 10 billion, (B) spending by 10 billion, (C) cutting government investment by 10 billion. following statements is correct?
	a)	The fall in effective demand (in the current year) is bigger if
	b)	(A) instead of (B) is taken. The fall in effective demand if (C) is chosen is bigger
		than if (A) is chosen.
	c)	For effective demand it does not matter whether the government opts for (B) or (C).
5.	reduce their au government an	holds become more optimistic about their future incomes and, consequently, atonomous saving. The private marginal propensity to save (<i>mps</i>), and enterprise saving, and aggregate investment do not change. Which of the ements about short-run equilibrium is correct?
	(a)	Aggregate saving falls.
	b)	Effective demand remains unchanged.
	c)	Aggregate private consumption rises.
6.	GDP, $T = tY$,	or a constant private mps , aggregate tax revenue T is a linear function of $0 < t < 1$. For given fluctuations in aggregate investment expenditures the fluctuations in total effective demand are
	a) b) c)	the bigger the lower the tax rate t is. the smaller the lower the tax rate t is. independent of the size of t .
7.	Assume that monetary policy succeeds in keeping the interest rate constant. Aggregate investment depends negatively on the interest rate and positively on current GDP with a marginal spending rate of 0.1. The private households' marginal propensity to save (<i>mps</i>) is 0.8; the marginal tax rate for private households is 0.5. If the government increases social transfers to households by 10 billion, aggregate effective demand increases by	
	a) b) c)	more than 5 billion. 5 billion. less than 5 billion.

8.	Consider the IS tax rate	r-curve of the economy characterized in problem 7. A rise in the marginal
	a) b) c)	makes the IS-curve flatter. makes the IS-curve steeper. does not change the slope of the IS-curve.
9.	Assume that per the Baumol-To quantity equati	cople hold money only for transactions purposes and behave according to bin model. Then the velocity of money (in the sense of the so-called on)
	a) b) c)	is a rising function of real income. is a falling function of real income. does not depend on real income.
10.	 According to the standard IS-LM model the effect of fluctuations of aggregate investment on effective demand 	
	a) b) c)	is dampened by a high interest elasticity of money demand. is dampened by a low interest elasticity of money demand. does not depend on the interest elasticity of money demand.
11	public holds cu	nk increases the supply of base money by 100 billion. If the non-banking arrency and bank deposits in a proportion of 1 to 5, and the banks keep deposits as reserves, then the money supply will increase by
	a) b) c)	200 billion. 400 billion. 500 billion.
12		pply of base money, the crowding-out effect of a rise in the government on private investment
	a) b) c)	is smaller for a higher interest elasticity of bank reserves. is smaller for a lower interest elasticity of bank reserves. does not depend on the interest elasticity of bank reserves.
13		nomy is caught in a liquidity trap and aggregate consumption depends eal balances, the price elasticity of the AD -curve
	a) b) c)	depends positively on the interest elasticity of investment demand. depends negatively on the interest elasticity of investment demand. does not depend on the interest elasticity of investment demand.

14.	Assume that an economy is in a liquidity-trap equilibrium. Then the AD-curve is completely price-inelastic unless		
	a)	current investment demand depends positively on current real GDP.	
	b)	current aggregate consumption depends positively on real money balances.	
	c)	real money demand depends positively on total real financial wealth.	
15.		tations-augmented Phillips curve inflation expectations are "static" then a uction of the unemployment rate below its natural level results in	
	a) b)	a permanently higher constant inflation rate. an inflation rate which grows at a constant positive rate.	
	c)	an inflation rate which grows at a positive but declining rate.	
16.	The producers	ne marginal productivity of labor is constant in the short run and equal to 1. 'mark-up on marginal costs is 5 %. The expected real wage is given by the current rate of unemployment. Then the natural rate of unemployment	
	a) b) c)	5 %. 8 %. 10 %.	
17.		the model of problem 16 part of total employment is fixed in the short run. short-run AS-curve with a price elasticity of output	
	(a)	less than 1.	
	b) c)	equal to 1. higher than 1.	
18.	As a conseque	equilibrium is disturbed by a permanent contraction of money supply by 10 % nce, people believe that in the future the long-run inflation rate will be lower (ithout any further government action (and assuming the absence of wealth	
	a)	the price level falls immediately by 10 % without any change in output and interest rate.	
	b)	the price level falls in the medium run by 10 % while real GDP and real interest rates return to their previous (natural) levels.	
	c)	the price level falls in the medium run by more than 10 % (with, nevertheless real GDP and real interest rates back at their unchanged natural levels).	

19.		e extent of monopolisation in the markets for goods and services increases Which of the following three statements is correct?
	a) b) c)	Without any change in fiscal and monetary policy, the price level rises in the short run in proportion to the increase in the mark-up, without a change in real GDP. Without any change in fiscal and monetary policy, real GDP falls in the medium run while the price level rises by more than in the short run. By a restrictive monetary or fiscal policy the government can prevent a rise in the price level, but only at the cost of a lower medium-run equilibrium real GDP than in case b).
20.	respective nature normal level of increased by 5	or all periods real aggregate saving at normal (natural) GDP is 30 % of the ral levels of real GDP. In order to increase from one period to the next the freal GDP by 1 unit, the capital stock (measured in GDP units) has to be units; the depreciation rate on the capital stock is 3 % per period. Under the ences, Harrod's warranted rate of growth is
	a) b) c)	2 %. 3 %. 4 %.
21.	_	ne neo-classical (Solow) model a discrepancy between the warranted and wth rates is over time eliminated by an adjustment of
	a) b) c)	the saving rate. the growth rate of effective labor input. the (incremental) capital-output ratio.
22.	•	with a given saving rate, real GDP is growing at a steady-state growth rate nodel predicts that a permanently higher total factor productivity would
	a) b) c)	a higher long-run growth rate of real GDP. an only temporarily higher growth rate of real GDP. an only temporarily higher real wage rate.
23.		y with a production function $Y = K^{\frac{1}{3}}N^{\frac{2}{3}}$, a saving rate of 0.5, a te of 0.03, and a steady-state growth rate of 2 %, the steady-state capital
	a) b) c)	smaller than 100. 100. bigger than 100.
24.	For the econom	ny of problem 23, the steady-state equilibrium is
	a) b) c)	optimal in the sense of the Golden Rule. an under-accumulation equilibrium. an over-accumulation equilibrium.

steady-state ed	quilibrium. By a courageous reform the discrimination of women is ended force quickly doubles. As a consequence of this, the Solow model predicts
a) b) c)	a doubling of real GDP in the long run. a permanent fall in the real wage per person. a temporary decline in the real capital rental.
	nt described in problem 25 the Solow model draws the further conclusion my of problem 23) that
a) b) c)	in the short run the real wage per person falls while the total wage bill rises. in the short run the real capital rental increases and the distribution of GDP changes in favour of capital owners. in the short run the total real wage bill stays unchanged.
$\alpha > 0$. In this α	the macroeconomic production function is of the type $Y = (K^{\alpha} + N^{\alpha})^{1/\alpha}$ with case, the event described in problem 25 would in the short and medium run arison to the original equilibrium, to
a) b) c)	a change in the distribution of GDP in favour of wage earners. a change in the distribution of GDP in favour of capital owners. no change in the distribution of GDP.
effective whic	conomic reforms make the institutional framework of an economy more h is reflected in a once-and-for-all increase in total factor productivity. If the abstitution between capital and labor is smaller than 1, the Solow model
a) b) c)	in the short run the distribution changes in favour of workers. in the long run the distribution changes in favour of workers. in the long run the distribution does not change at all.
29. Okun's law sta	ates that
a)	the fall in the unemployment rate from one period to the next is linearly related to the extent the actual growth rate of real GDP exceeds the
b)	growth rate of its natural level. the unemployment rate in the current period is negatively correlated with
c)	the real growth rate of GDP in the previous period. the fall in the unemployment rate from one period to the next is linearly related to the extent the actual inflation rate exceeds the expected inflation rate.
30. The current G	DP of Germany is roughly
a) b) c)	1000 billion euros. 2500 billion euros. 5000 billion euros.