TABLE OF CONTENTS

Level 4

Exemplar 1 Paper 2

Exemplar 2 Paper 2

Level 4

Exemplar 1 Paper 2

Secu	ion A (4	44 marks)
1.	(a)	Mary was the major shareholder of a private limited company which operated a restaurant chain. She planned to change the form of business ownership to a listed company. List ONE advantage and ONE disadvantage of the change. (2 marks)
	(b)	After opening some new restaurants, Mary found that the average cost of production of her company had increased. Explain the change in average cost with ONE reason. (2 marks)
(¢	()	
		Advantage: Con gain capital from selling shares. Disadvantage: The restaurant's it decision may affected by new shareholders.
		decision may affected, by new shareholders.
		When opening some new restaurants, the cost of operations those restaurants increase, so the average cost increase
(b)	When opening some new restaurants, the cost of operating
	·	those restaurants increase, so the average cost increase
2.	delive ONE	eare two kinds of food deliverers: 'riders' delivering food by self-provided motorbikes and 'walkers' ering food on foot. Why do 'riders' usually have a higher income per order than 'walkers'? Suggest demand-side factor and ONE supply-side factor to explain your answer. (4 marks)
£	JOMM!	
•••••		Most of the people order delivering food down want to
		r a long time. So they are willing to pay a higher price
		and the amount of the state of the state of the state of
	lvid	ver) than malkers, resulted in a higher income of Gridar,
to		walker) per order.

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Answers

Supply-side factor:										
		(rider) delivering more order than 1	an twalker! In a same							
	period of time, as riding motorbines usually faster than walkers,									
	to increase its total output firms would									
	give-Lvider, a higher income per order, to encourage food delivers									
	bring	their own motorbikes; as (rider) produce more output								
	than	(walkers) In a same period of ti	ml,							
rked.										
be ma	3. Ref	er to the following data about Country A.								
III not		Year	2019	2020						
ins w		Per capita disposable income	\$15000	\$20 000						
marg		Gini coefficient (based on household income)	0.51	0.56						
in the		Gini coefficient (based on household disposable income)	0.51	0.44						
3. Refer to the following data about Country A. Year Per capita disposable income Gini coefficient (based on household income) Gini coefficient (based on household disposable income) Gini coefficient (based on household disposable income) (a) State TWO reasons to explain why the increase in per capita disposable income may lead to estimation of the improvement in living standard of Country A. (b) Based on household disposable income, did income inequality of Country A improve or 2020? Suggest ONE policy which may have caused such a change.										
Answers	(b)	ry A improve or	worsen in (2 marks)							
	ime cant									
		Because the per capital disponential estimate the inflation in	te and t	he pollution	<u>n</u>					
		problem in Country A.								
		O The mome inequality of	Countr	y A Ìmp	rove.					
	As the Gini coefficient based on house hold disposable									
		income - decrease to 0.44 in 2020.	Transfer	payment.	to					
		low income group may have caused	l such a	1 change.						



	4. Country B and Country C are two large open economies. Facing a huge visible trade deficit, Country B imposes a per-unit tariff on goods imported from Country C. Suppose Country B's demand for goods imported from Country C is elastic.
	(a) With the aid of Figure 1, explain how the tariff would affect the total expenditure of Country B on goods imported from Country C. (6 marks)
arked.	(b) "Devaluation of a country's currency against its trading partners' may have the same effect on imports as tariff." Use Country B as an example to justify this statement. (2 marks)
ot be ma	(c) Apart from the effect on the country's visible trade balance, explain ONE other effect of devaluation on its balance of payments. (2 marks)
ns will n	Figure 1: Goods imported from Country C by Country B Price (in terms of Country B's currency)
ıe margi	
Answers written in the margins will not be marked	
wers wri	
Ans	Pwtt Swtt (With fariff)
	PW - SW
!	D AB
	Quantity of goods imported from Country C
	(d) 'When Guntry B' imposes a tariff on goods imported from Country C. the Drice of imported goods increase and
i	from Country C, the price of imported goods increase and the quantity of imported decrease. As the demand is clastic,
	the percentage decrease in quantity B Algher than,
	the percentage decrease in quantity B Algher than the percentage increase in price, so the total expenditure of Country B on goods imported from Country C

d	cerease,
	6) When devaluation of it country B's convency
de	Jainst to Courtry Ck, the goods in Imported from
C	ountry C is more expensive to Country B, so the price of imported
90	ods increase and quantity imported decrease, and total expenditure
de	crease due to elastic demand.
i kea.	tien to the state of the state
	La Contract Land Contract Land
	1) The invisible trade balance would improved As As devaluation
MC (18)	ikes foreign's services due more expensive to domesitic resid
	esidents and domestic services become cheaper to foreign-
	isumery the invisible trade tralance improved.
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5. Country D introduced a short-term capital gains tax (STCGT) on property market.

Capital gains (\$)	STCGT rate (%)
10 000 or below	8
10 001 to 50 000	16
50 001 to 100 000	24
100 001 or above	32

STCGT is a tax on capital gains from the sale of a property held for less than 1 year.

A spokesman of the tax department said that a new computer system had been developed for STCGT. Although the system cost more than 1 billion dollars, it allowed tax payers to check and pay the amount of STCGT online easily.

(a) Evaluate the new tax in terms of TWO principles of taxation put forward by Adam Smith. (4 marks)

(b) 'The introduction of STCGT would not relieve the problem of rising property prices.' Explain whether
this is a positive statement or a normative statement. (2 marks) The new tax do not follow the equity principles of taxortion
of the new tax as not tollow the equity principles of Taxortion
by Adam Smith, as the tax is not proportional fax, the tax
by Adam Smith, as the tax is not proportional tax, the tax rate with the Capital gains.
The new tax follow the convenience principle of taxaction
by Adam Smith As the new computer system is convenient for
taxpayers to pay tax, to reduce their cost for pay tax. clos this is a positive startement, because it may be justify by the market information.
cb) this is a positive startement, because it may be
justify by the market information.
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6. (a) 'Deflation will occur if the amount of goods and services produced is growing faster than mon supply.' Explain this statement in terms of the quantity theory of money. (4 mark
(b) 'If deflation is expected, the real interest rate will be higher than the nominal interest rate.' Why? (2 mark
(a) By quantity theory of money, MV=PY M is the Nominal money supply
M is the Nominal money supply
Vis the relocity of circulation money
Vis the relocity of circulation money Pis the general price level
Y is the output level
V is assumed to be constant, when amount of goods and
services produced 13 growing faster than money supply, the P would be decreased to maintain, the increase in
Y > Increase in M, So the general price level is decrease imply
deflation.
(b) The real interest rate - Nominal interest rate - inflationro
When deflation Bexpected,
the real interest vote = Nominal interest rate + deflation
note
: So the real interest parte > the nominal interest parte
As the deflation rate is positive when deflation, occurs,

7. In a two-country-two-good model, the outputs per unit of resources of both countries						ries are as follows.
			Rice (units)		Toys (units)	
		Country E	10	OR	20	2
		Country F	5	OR	15	₿

- (a) Assume the terms of trade are that 1 unit of rice can be exchanged for 2.2 units of toys. Calculate the gains from trade of EACH country when trading 1 unit of rice. Show your workings. (4 marks)
- (b) With reference to your answer in part (a), defend the following statement. 'There is still a basis for trade even if a country has no absolute advantage in producing any goods.' (2 marks)

	adde even ii a eec	mas no absorat	e aavamage m	prou	ucing any goods.	(2 marks)
Cq)	Unit Cost of	Country E	produced	d	unit of Rice =	₩ = 2 T
	Unit Cost of	Country F	produced	d	unit of Rive	二号37
		3T72T	T			

4	So	Country	E	would	export	the rice	while	Country
		,		novt.	,			7.

Gain of Country E from trade = TDT- unit cost of a rice

Gain of Country F from troding 1 unreof rie = Unitest of a rie of country F-Tut = 3T-22T = 0.8T

(b) While -10>5 and 20>15, it showed that
Country E have absolute advantage in both like and
toys, However , there is still a gain from trade for
both country in part 10, so the statement
given is correct.

given 15 correct.

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8.	The following	table shows the bal	ance sheet of a b	anking system		
0.	The following	Assets (\$		Liabilities	(\$ million)	
		Reserves	1 000	Deposits	4 000	
		Loans	3 000			
	The public init	ially holds \$1 000 n	nillion cash and	the banks are fully	y loaned up.	
	(a) Calcula	te the required rese	rve ratio.			(1 mark)
					and deposits the rem	naining cash into the (3 marks)
-	- 0	equired reser	_	56A1) _ A \	, ,
	(b)	New reserve		\$ 100	00 + (1000-400)]	million
			SCVVO		600 million	7,11,11,11
		Maximum	Democite	= 1600) n	villio N	•••••
		/ pwarmay)	P CHOSI VS	= \$6400		•
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		ULAXIVIUM MOD	ret enblis i	after deposits	cash - urigira	ol money supply D) million
		- \$ (700	1 670W MILL	100 PC	1000 74000) JAMINON)
				800 - 5000		
			=\$	5 1800 millio	n	

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		••••••				
			END OF S	ECTION A		
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2022-DSE-ECON 2-9

Afte	er analysi	d government introduced the Targeted Poverty Alleviation Campaign (精準扶貧政策) in 201- ng the situations of people living in poverty, the government officials came up with tailor-mac ne following are two examples of the campaign.
Ex	ample 1	A village in Yunnan province has beautiful natural landscape. The government of Yunnan province promoted the village to attract more travellers. Apart from farming, the villagers also set up hostels to serve travellers in order to earn more income.
(a)	Refer	to Example 1. Tevtrary
	(i)	In which types of production did the villagers engage after the introduction of the campaign Explain. (4 marks
	(ii)	Explain how labour mobility of the villagers would be affected. (3 marks
Exa	ample 2	The government provided funding and invited private firms to develop hydroelectric power plants in six provinces (such as Hubei and Jiangxi). Such development would help improve transportation, irrigation and flood prevention in the rural villages in these provinces.
(b)	would	to Example 2. With the aid of a diagram, explain how aggregate output in these six provinces the affected in the long run. (8 marks) Navy production and tertiary production because the Mostels set up
to	،ا ۷ بر	serves traveller 13 a services. And farming is producing
to	N. Y	serves traveller 13 a services. And farming is producing aw marterials, so villagers engage both primary production of the introduction of the
	d d	serves traveller 13 a services. And farming is producing any marterials, so villagers engage both primary production of the introduction of the impaign.
	d c sp vill	serves traveller B a services. And farming is producing any marterials, so villagers engage both primary production of the introduction of the impartance of the impartment of the impartment of the impartment of the impartment of the accupational mobility would increase. As now the ager could choose whether continue farming
	d c sp vill	serves traveller 13 a services. And farming is producing aw marterials, so villagers engage both primary production of the introduction of the
	d c sp vill	serves traveller B a services. And farming is producing any marterials, so villagers engage both primary production of the introduction of the impartance of the impartment of the impartment mobility would increase. As now the ager could increase as now the
	d c sp vill	serves traveller B a services. And farming is producing any marterials, so villagers engage both primary production of the introduction of the impartance of the impartment of the impartment mobility would increase. As now the ager could increase as now the
	d c sp vill	serves traveller B a services. And farming is producing any marterials, so villagers engage both primary production of the introduction of the impartional mobility would increase. As now the ager could increase as now the

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hy droelections	g is given, private c power plants six provinces would	tirms is invited to develop. The long run aggregate d increase. The prior tere decrease
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hy droelection Supply of these s	c power plants six provinces would	d increase, the prior terrel decrease

- 10. The Olympic Games attract billions of international television viewers to watch the competitions among thousands of top athletes.
 - (a) Some restaurants in shopping malls find their businesses increase sharply when the malls broadcast Olympic events. Explain how the broadcast of Olympic events may result in a divergence between private and social benefits. (3 marks)
 - (b) Suppose the divergence in part (a) does exist. How can market mechanism help reduce this divergence? (2 marks)

Athletes compete in the Olympic Games with their support teams consisting of sport psychologists, physical therapists, nutritionists, etc.

(c) Which economic principle is illustrated in the above practice? State **TWO** reasons why such a practice can increase labour productivity. (3 marks)

Some professional athletes receive a monthly salary and share a proportion of the prize money whenever they win in competitions.

(d) Instead of paying the athletes a monthly rate only, explain why some employers of professional athletes use the above wage payment arrangement. (2 marks)

Whenever an athlete wins a gold medal in a certain sport, there will be the following phenomena: more people will start learning the sport. As a result, there will soon be long queues registering for courses in the sport.

(e) With the aid of a demand-supply diagram, explain the above phenomena. (5 marks)

Professional athletes usually start their full-time training before graduating from secondary school and have to give up their studies.

Answers written in the margins will not be marked.

- (f) Will the opportunity cost of being a professional athlete be affected if the average income of professional athletes increases? Explain. (2 marks)
- (a) When some restaurant in shopping malls find their businesses

Inchelle sharply when the Molls broadcost -Olympic revents. And
-the restaurants haven't pay the compensation to the organizator

held. Ohimpix events. There would be a divergence between private

and social benefits.

(b) The restaurant rould paid compensation to the organization held

the Ohimpic events.

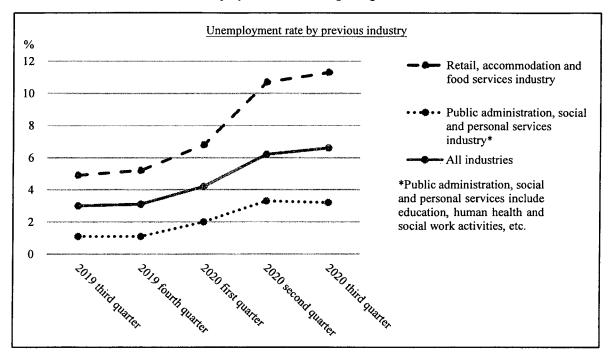
(c) Division of labour, Because could assign the right person to

do the right thing, and saves time: shifting between

(e)			р	ζ
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				Q_1 Q_2 Q_3
d shortage o	n those course it	, that sport ar	nd the long	course, there i
d shortage o registering (f) No, forgo professiond	n those course in for course in Because the of me, in this case of the of the value of	that sport or the sport occ portunity cost is the opportunity to the drerage	the long curs. The high prost is income	g guenes jest value option the studies of increase has no

11. The Government launched the Consumption Voucher Scheme in 2021 to relieve the impact of COVID-19 on the Hong Kong economy.

Source A: Statistical data about unemployment rate in Hong Kong



Source B: An extract of information about the Consumption Voucher Scheme

All Hong Kong permanent residents and new arrivals aged 18 or above, who comply with the 'residing in Hong Kong' requirement, could register to receive electronic consumption vouchers with a total value of \$5 000 by instalments.

Source C: Information about the four designated stored value facilities to receive the \$5 000 consumption vouchers by instalments

	AlipayHK	Octopus	Tap & Go	WeChat Pay HK
	Alipayhk	八達通 Octopus	Tapaga	WeChat Pay ⊛
Public transportation with the above payment facilities installed	MTR, bus, mini bus and ferry	MTR, bus, mini bus and ferry	Bus and mini bus	None
Promotions to consumption voucher users	5 e-coupons	First 2 million registered customers enjoy \$18 of stored value	\$50 awarded when using virtual Tap & Go Unionpay card for the first transaction with an amount equal to or larger than \$50	e-coupons

Answers written in the margins will not be marked.

Source D: Some reminders for the Consumption Voucher Scheme

- Consumption vouchers cannot be used in transactions such as payments to the government (e.g. tax), public utilities (e.g. electricity charges), purchase of financial products (e.g. insurance), and direct purchase from merchants located outside Hong Kong.
- There are deadlines for using consumption vouchers.

Source E: Some views on the Consumption Voucher Scheme in Hong Kong

I have spent more than \$5,000 as there are e-coupons from the stored value facility A housewife provider. A lot of promotions in large retail chains and malls have also tempted me to consume! A former chef in a I have been laid off and have stayed home for months. No one knows when the travellers would be back. I hope that the Consumption Voucher Scheme will bring restaurant more local people to spend on food and beverage and the whole industry can survive the pandemic. Otherwise, many workers will be forced to leave the industry. A doctor working in Resources should be allocated to the medical sector, instead of giving everyone an equal amount under the Consumption Voucher Scheme. The public hospitals a public hospital lacked space, manpower and equipment even before the pandemic. Start building new hospitals earlier so that more lives could be saved.

- (a) Refer to Source A.
 - (i) In which phase of business cycle the Hong Kong economy most likely was? Apart from the change in unemployment rate, list **ONE** other economic phenomenon of this phase. (2 marks)

Answers written in the margins will not be marked.

- (ii) Why did the unemployment rate of retail, accommodation and food services industry increase faster than that of public administration, social and personal services industry during the pandemic? (2 marks)
- (b) Refer to Source B. Would the \$5 000 distributed under the Consumption Voucher Scheme be included in the calculation of government consumption expenditure? Explain your answer. (2 marks)
- (c) Based on the information given in Source C, explain with **TWO** reasons why the market of stored value facilities in Hong Kong is **NOT** perfectly competitive. (4 marks)
- (d) Refer to Source D. Some citizens claimed, 'I would rather receive \$5,000 cash instead of consumption vouchers.' In terms of functions of money, explain such a claim with TWO reasons. (4 marks)

Stone in value

For part (e), candidates are required to present their answers in essay form. Criteria for marking will include use of sources and economic theories, relevant content, logical presentation and clarity of expression.

(e) Suppose the Government plans to spend another sum of money to cope with the pandemic. The following are two suggestions.

Scheme C	Distribute the sum of money using the same mechanism as the existing Consumption Voucher Scheme.
Scheme H	Spend the sum of money on building new hospitals and hiring additional medical staff.

With reference to the above sources and your own knowledge in Economics, discuss which scheme the Government will prefer in order to achieve EACH of the following policy objectives respectively.

Objective 1: to relieve unemployment in an industry severely affected by the pandemic

Objective 2: to increase average labour productivity

Objective 3: to increase aggregate output (in the short run and/or in the long run)

(14 marks)

[Use a separate paragraph for comparing the effects of the two schemes under each policy objective.]

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Supplementary Answer Sheet

Question No.

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Level 4

Exemplar 2 Paper 2

Sec	tion A (44 marks)
1.	(a) Mary was the major shareholder of a <u>private</u> limited company which operated a restaurant chain. She planned to change the form of business ownership to a listed company. List ONE advantage and ONE disadvantage of the change. (2 marks)
	(b) After opening some new restaurants, Mary found that the average cost of production of her company had increased. Explain the change in average cost with ONE reason. (2 marks)
	(a) For advantage, Many can have wider sources of capital, such as issue.
	bonds.
	For disadvantage, Mary's company may have higher risk to be taken over.
	(b) Purchasing diseconomies. Mary's bulk purchases are over-sized to purchase
	and increase the production cost.
	·
•••••	·
2.	There are two kinds of food deliverers: 'riders' delivering food by self-provided motorbikes and 'walkers' delivering food on foot. Why do 'riders' usually have a higher income per order than 'walkers'? Suggest ONE demand-side factor and ONE supply-side factor to explain your answer. (4 marks) For demand-side = (0)t are charge per order but not difference riders or walkers
h	as different price. So customers expect faster services. As a result, they will chose rider
•••••	For supply-side= Riders are using Motorbikes and their time can be lower walkers are using more time in walking. So the
	time cost of riders is lower, resulting in a lower production cost, and move
	time and it is and is town in the of town be affected to the think

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. Re	fer to the following data about Country A.			
	Year	2019	2020	
	Per capita disposable income	\$15000	\$20 000	
	Gini coefficient (based on household income)	0.51	0.56	
	Gini coefficient (based on household disposable income)	0.51	0.44	
(a) (b)	State TWO reasons to explain why the increase in per capi estimation of the improvement in living standard of Country Based on household disposable income, did income ineque 2020? Suggest ONE policy which may have caused such a	y A. ality of Countr		(2 mar
	irst, the low income group may have lower i	ncome and		e grou
	generates higher Income. The living standard of low is econd, the price level increase may higher than the	disposable	income increa	se der
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50	heir real income may decrease and cannot buy as n	loye as	in before.	
Si T	heir real income may decrease and cannot buy as h	loye as	in before.	
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impo		s imported from Country (acing a huge visible trade deficit Country B C. Suppose Country B's demand for goods
(a)	goods imported from Count		affect the total expenditure of Country B on (6 marks)
(b)	Dep "Devaluation of a country's as tariff." Use Country B a		partners' may have the same effect on imports tatement. (2 marks)
(c)	Apart from the effect on the on its balance of payments.	country's visible trade bala	nnce, explain ONE other effect of devaluation (2 marks)
		Goods imported from Coun	try C by Country B
Price (in ter	rms of Country B's currency)		comment total
,			S t= increase in total expenditure -= decrease in total expenditure
			-= decrease in total
	•		expenditive
-			1:3
			1:3
PW -	+ Tariff reven	ue	_ ^
			υ ΄
0	Q1 Q3	Q4 4 Q2	Quantity of goods imported from Country C
(a) Wh	nen they imposed taniff, th	e import volume deuveos	e. pice increase and import decrease.
Whe	en domand is elastic, perce	ntange increase in price	is smaller than the percentage
chang	ge in quantity, the total e	xpenditure decrease.	, v
T .	•		clygoods in terms country C's currency
			se, they will choose to decrease
			expenditure decrease. And when

ſ	G 1.1 1 (A)		
-	Capital gains (\$)	STCGT rate (%)	<u> </u>
	10 000 or below	8	
_	10 001 to 50 000	16	
	50 001 to 100 000	24	
	100 001 or above	32	
'Although the s of STCGT onli	of the tax department said that a nystem cost more than 1 billion dolline easily. the new tax in terms of TWO prin	lars, it allowed tax payers to che	ck and pay the amount
this is a r (a) In equity tax, it	oduction of STCGT would not relie boositive statement or a normative statement of the tax should be converted to tax should be converted to the tax should be converted to tax s	atement. g to taxpayer!s ability./ s Timerease when taxable Timere	(2 marks) Is It Is progressive Increase)
rases it.	allowed tox payers to Check	r and pay the amount on	line easily. So it
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(b) Normative	Because it is not refundab	ile by fact and contain	value Indgement.
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Answers written in the margins will not be marked	

	6.	(a)	'Deflation will occur if the amount of goods and services produced is growing faster than money supply.' Explain this statement in terms of the quantity theory of money. (4 marks)
		(b)	'If deflation is expected, the real interest rate will be higher than the nominal interest rate.' Why? (2 marks)
		(a)	First, MV=PY, m equal to money supply, vis velocity of circulation of money,
		ק	is price level, 4 is real output. As V is remain constant in short run, The real
			output is increase in percentage is higher than the money supply's increase percentage
			The price, heed to be dereasing and match the concept of when money supply increme
			the nominal output increase the same percentage.
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ou II		(P)	N = I+R, N is nominal interest rate, i is inflation rate, R is real
IN SU			interest rate, when the deflation is expected, the inflation rate should be
argn			negative, resulting in real interest rate is higher than nominal interest
the n			rate.
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7. In a two-country-two-good	model, the outputs per u	unit of resources of both	countries are as follows.
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	Rice (units)		Toys (units)
Country E	10	OR	20
Country F	5	OR	15

- (a) Assume the terms of trade are that 1 unit of rice can be exchanged for 2.2 units of toys. Calculate the gains from trade of **EACH** country when trading 1 unit of rice. Show your workings. (4 marks)
- (b) With reference to your answer in part (a), defend the following statement. 'There is still a basis for trade even if a country has no absolute advantage in producing any goods.' (2 marks)

(b)	As there is	comparative	advantage, ît	must exists in	me goods	In each	country
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Country 1- have none	ot unsolvie advange but	11 Still have comparative
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on the And it will	increase the total world	ant ut
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8.	i ne tono	owing ta	able shows the bala	nce sneet of a c	banking system.		
		I	Assets (\$ n		Liabilities (
		İ	Reserves	1 000	Deposits	4 000	
		I	Loans	3 000			
	The pub	lic initie	ally holds \$1 000 m	illion cash and	the banks are fully	/ loaned up.	
	(a) C	Calculate	e the required reser	ve ratio.			(1 mark)
	(b) S b	uppose anks. (the public only was Calculate the maxim	ants to hold \$4 num change in	00 million cash a money supply. Sh	and deposits the remandation workings.	ining cash into the (3 marks)
 	(a) <u>1</u>	100 <u>0</u> 4000	<u> </u>	4			
	cb) Re	yuTved	reserve ratio= (n o E			
		· · · · · · · · · · · · ·	es= 1000+ (1000	• • • • • • • • • • • • • • • • • • •			
	De	lpesit =	1600 - 6400				
	019	money	Supply= 1000 +				
			= \$5000	million			
	New	money	supply = 400 +	6400			
			= \$680	oo million			
		\$6800	- \$5000				
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	ı', I	ncrease	e \$1800 million	la se e			

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				END OF S	ECTION A		

Section B (60 marks)

Answers written in the margins will not be marked.

9. The Mainland government introduced the Targeted Poverty Alleviation Campaign (精準扶貧政策) in 2014. After analysing the situations of people living in poverty, the government officials came up with tailor-made measures. The following are two examples of the campaign.

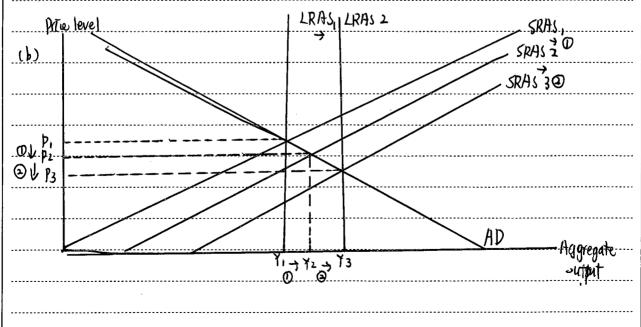
Example 1 A village in Yunnan province has beautiful natural landscape. The government of Yunnan province promoted the village to attract more travellers. Apart from farming, the villagers also set up hostels to serve travellers in order to earn more income.

- (a) Refer to Example 1.
 - (i) In which types of production did the villagers engage after the introduction of the campaign? Explain. (4 marks)
 - (ii) Explain how labour mobility of the villagers would be affected.

(3 marks)

- Example 2 The government provided funding and invited private firms to develop hydroelectric power plants in six provinces (such as Hubei and Jiangxi). Such development would help improve transportation, irrigation and flood prevention in the rural villages in these provinces.
- (b) Refer to Example 2. With the aid of a diagram, explain how aggregate output in these six provinces would be affected in the long run. (8 marks)
- (a) (I) Tertiary Production. They provides hostels services to travellers.

 Primary production. They extract natural resources (farming) after Introducing the Cumpaign.
 - (ii) Labour mobility increase. As they have other jobs, such as = maiters, their cost of being farmers to another job decrease.



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Answers
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increase. Deflationary gap	exists.
In the long run equilibrium	m, there will be excess demand since the price Cannot fully
adjusted, the real produc	tion cost decrease, the firm will choose to, produce more. The
chart run aggregate suppl	tion cost decrease, the firm will choose to produce more. The ly increase and aggregate output increase
2,01, 1,1, 1,1, 1,1, 1,1,1	tong run
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10.	The Olympic	Games	attract	billions	of	international	television	viewers	to	watch	the	competitions	among
	thousands of t	op athlet	tes.										

- (a) Some restaurants in shopping malls find their businesses increase sharply when the malls broadcast Olympic events. Explain how the broadcast of Olympic events may result in a divergence between private and social benefits. (3 marks)
- (b) Suppose the divergence in part (a) does exist. How can market mechanism help reduce this divergence? (2 marks)

Athletes compete in the Olympic Games with their support teams consisting of sport psychologists, physical therapists, nutritionists, etc.

(c) Which economic principle is illustrated in the above practice? State TWO reasons why such a practice can increase labour productivity. (3 marks)

Some professional athletes receive a monthly salary and share a proportion of the prize money whenever they win in competitions.

(d) Instead of paying the athletes a monthly rate only, explain why some employers of professional athletes use the above wage payment arrangement. (2 marks)

Whenever an athlete wins a gold medal in a certain sport, there will be the following phenomena: more people will start learning the sport. As a result, there will soon be long queues registering for courses in the sport.

(e) With the aid of a demand-supply diagram, explain the above phenomena.

(5 marks)

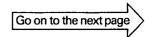
Answers written in the margins will not be marked.

Professional athletes usually start their full-time training before graduating from secondary school and have to give up their studies.

- (f) Will the opportunity cost of being a professional athlete be affected if the average income of professional athletes increases? Explain. (2 marks)
- (a) When the mull are broadcasting Olympic Games freely, the visitors can watch the Olympic Games and more people go to 1. The social benefit will be larger than marginal private benefit, resulting in divergence. (and the restaurant will gain without compensation)
- (b) The restaurant should pay fees to the shopping malls to reduce the divergence.
- (c) Division of labour.

First, they can save of walking time. Such as = thecking bodies in special room or training in gym room. They can specialise in their stage and focus, increase the productivity.

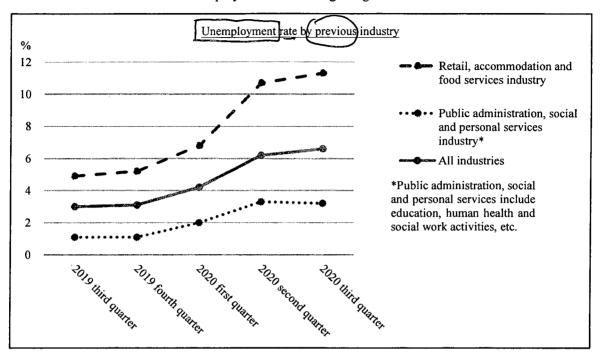
Sewond, they can practise makes perfect. They can specialise in which they are



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11. The Government launched the Consumption Voucher Scheme in 2021 to relieve the impact of COVID-19 on the Hong Kong economy.

Source A: Statistical data about unemployment rate in Hong Kong



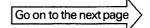
Source B: An extract of information about the Consumption Voucher Scheme

All Hong Kong permanent residents and new arrivals aged 18 or above, who comply with the 'residing in Hong Kong' requirement, could register to receive electronic consumption vouchers with a total value of \$5 000 by instalments.

Source C: Information about the four designated stored value facilities to receive the $$5\,000$ consumption vouchers by instalments

	AlipayHK	Octopus	Tap & Go	WeChat Pay HK
	Alipayhk	八達通 Octopus	Tap	WeChat Pay ⊚
Public transportation with the above payment facilities installed	MTR, bus, mini bus and ferry	MTR, bus, mini bus and ferry	Bus and mini bus	None
Promotions to consumption voucher users	5 e-coupons	First 2 million registered customers enjoy \$18 of stored value	\$50 awarded when using virtual Tap & Go Unionpay card for the first transaction with an amount equal to or larger than \$50	e-coupons

Answers written in the margins will not be marked.



Source D: Some reminders for the Consumption Voucher Scheme

- Consumption vouchers cannot be used in transactions such as payments to the government (e.g. tax), public utilities (e.g. electricity charges), purchase of financial products (e.g. insurance), and direct purchase from merchants located outside Hong Kong.
- There are deadlines for using consumption vouchers.

Source E: Some views on the Consumption Voucher Scheme in Hong Kong

A housewife I have spent more than \$5 000 as there are e-coupons from the stored value facility provider. A lot of promotions in large retail chains and malls have also tempted me to consume! I have been laid off and have stayed home for months. No one knows when the A former chef in a travellers would be back. I hope that the Consumption Voucher Scheme will bring restaurant more local people to spend on food and beverage and the whole industry can survive the pandemic. Otherwise, many workers will be forced to leave the industry. A doctor working in Resources should be allocated to the medical sector, instead of giving everyone an equal amount under the Consumption Voucher Scheme. The public hospitals a public hospital lacked space, manpower and equipment even before the pandemic. Start building new hospitals earlier so that more lives could be saved.

- (a) Refer to Source A.
 - (i) In which phase of business cycle the Hong Kong economy most likely was? Apart from the change in unemployment rate, list **ONE** other economic phenomenon of this phase. (2 marks)
 - (ii) Why did the unemployment rate of retail, accommodation and food services industry increase faster than that of public administration, social and personal services industry during the pandemic? (2 marks)
- (b) Refer to Source B. Would the \$5 000 distributed under the Consumption Voucher Scheme be included in the calculation of government consumption expenditure? Explain your answer. (2 marks)
- (c) Based on the information given in Source C, explain with **TWO** reasons why the market of stored value facilities in Hong Kong is **NOT** perfectly competitive. (4 marks)
- (d) Refer to Source D. Some citizens claimed, 'I would rather receive \$5 000 cash instead of consumption vouchers.' In terms of functions of money, explain such a claim with **TWO** reasons. (4 marks)





For part (e), candidates are required to present their answers in essay form. Criteria for marking will include use of sources and economic theories, relevant content, logical presentation and clarity of expression.

(e) Suppose the Government plans to spend another sum of money to cope with the pandemic. The following are two suggestions.

	Distribute the sum of money using the same mechanism as the existing Consumption Voucher Scheme.			
Scheme H	Spend the sum of money on building new hospitals and hiring additional medical staff. (2)			

With reference to the above sources and your own knowledge in Economics, discuss which scheme the Government will prefer in order to achieve EACH of the following policy objectives respectively.

Objective 1: to relieve unemployment in an industry severely affected by the pandemic

Objective 2: to increase average labour productivity

Objective 3: to increase aggregate output (in the short run and/or in the long run)

(14 marks)

Answers written in the margins will not be marked

[Use a separate paragraph for comparing the effects of the two schemes under each policy objective.]

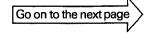
(a) (i) Recession.

The growth rate of GDP is decreasing

- (ii) Retail, accommodation and food services are tertiary production. They relies on visitors

 However, the administration, social and personal services are focus on local people. When pandemic, the lose of visitors bring to higher employment of former, cause their profit are lower.
- cs) No. As it does not involve production. The government consumption expenditure will not increased.
- (c) First, they are selling heterogenous services. They have different place to use the stored value facilities. Such as = Alipay Hk used in many places. But wechat pay hk i none of them can use

Second, they are involved price competition. They will provide different discount, such as: Alipay Hk provide 5 e-coupons and Octopus have \$18 stored of valued, they have price and discount for lustomer.



ce) There will be different effect and different prefer in each objective.

In terms of relieve of unemployment, policies C will get a better relieve of unemployment. Policies C giving coupons to Hong Izong people. It encourage Hong kong people Consume as it has a maturity dute. As move people are going out and consume. Shops will need more employees to support the customers. There will be people to be employed. In Source A, Retail/acommodution and ford services industry has a higher percentage of unemployment. So when the scheme are keeping, the employment (And limitations to consume locally) will increase and relieve the unemployment. However, Policies D. It aims at medical services. They build infrasture and it can increase employement of construction industry and employ more medical staffs. The unemployment rate are much lower than food services. In source H, as unemployment rate of food services is higher than average. So that it can relieve more unemployment in scheme C.

In terms of average labour productivity, scheme C can increase the productivity. As the labour productivity is Total ontput - total working of man-hour. Scheme C can increase more rapadly. As they realeased coupons, more people to consume, some shops are close during paindemic athey will reopen the shops to attract customers, there will be more employers to hired employees. They will be increase in people of employed and time to open. Then it can increase the labour productivity and as more people consume more output will needed. However, Scheme P is less effect on labour productivity. As they give money to build hospital. There is still need a lot of time to produce. The productivity of increasing cannot show it immediately. So that the increase the labour productivity is lower.

In term of short run aggregate output, scheme Cis more suitable. As they realeased the coupons, more consumers Consume In local. In Source D., they cannot direct purchase from outside of Hong Long. Consumers have to consume In local. They hill increase the private consumption expenditure, aggregat demand

Increase, the short run aggrega	te output increase. However in Scheme D, they are				
huilding Intract Viture it can	n increase government expenditive. It may not build				
within one year and it ma	y have some construction are not produced in				
	aggregate demand will increase but smaller than				
Scheme D, the aggregate of	itput will smaller than schemo C.				
	<u> </u>				
In terms of long run aggregate output, Scheme D will be mrve suitable. As					
7 Luil infractivities of }	long kong the productivity will increase in longrun, the				
It build illinging me of 1	with Folld Time hander thing and the construction				
potential output micrease. Lo	ng run aggregate supply increase, longrun aggregate				
autout mixence. However, in	scheme C, there is only immediate effect on aggregate				
j (am 1 ma)) + am ata	coate wall. The rouper also have mature date				
gemand and snort-run agg	regate supply. The coupon also have maturity date.				
They cannot use the i	oupons to consume after deadline. So there will be				
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Jn conclusion, There	will be different when In alliferent offenives of				
each polities.	will be different affect in different objectives of				
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Sources of materials used in this paper will be acknowledged in the *HKDSE Question Papers* booklet published by the Hong Kong Examinations and Assessment Authority at a later stage.

Supplementary Answer Sheet

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