

ST ANDREW'S JUNIOR COLLEGE

PRELIMINARY EXAMINATIONS 2022 (JC2)

General Certificate of Education Advanced Level

Higher 1

ECONOMICS

8823/01

29 August 2022

3 hours

Suggested Answers

Question 1: The Markets for Masks and Vaccines

Questions

(a)		reference to Extract 1, explain either one demand factor or one supply or that has contributed to the global mask shortage.	[2]
	Demand factor: [2] Rise in taste and preference for masks e.g panic buying and hoarding which led to rapid rise in demand . [1] At the original price, quantity demanded exceeded quantity supplied , resulting in shortage.[1] OR Supply factor: [2] Restriction in exports or limited supply of essential raw materials push up the price of these essential raw materials, leading to a rise in costs of production which led to fall in supply [1]. At the original price, quantity demanded exceeded quantity supplied , resulting in shortage [1].		
(b)	With	reference to Extract 1:	
	(i)	Using the concept of price elasticity of supply, explain why the global vaccine shortage is likely to persist.	[3]
		PES for vaccines is likely to be less than one as there is limited capacity in terms of facilities, ingredients and skilled labour. [1] Rise in price of vaccine results in less than proportionate rise in quantity supplied of vaccine ceteris paribus. [1] Thus, shortage is likely to persistent as it takes longer time for price adjustment process to clear the shortage . [1]	
	(ii)	Explain the possible impact of the global vaccine shortage on the global price of vaccines.	[2]
		Global vaccine shortage at original equilibrium price will exert upward pressure [1] on price of vaccines leading to rise in price [1].	
	(iii)	Explain how this change in global vaccine price identified in (ii) could affect the expenditure on vaccines by developed and developing countries differently and comment on the impact of this difference on global equity.	[6]
		Explain: [4m] Developed countries: [2] PED <1 as low proportion of income is spent on vaccines. Rise in price results in less than proportionate fall in quantity demanded of vaccines leading to rise in expenditure on vaccines. Developing countries: [2] PED >1 as high proportion of income is spent on vaccines.	

		Rise in price results in more than proportionate fall in quantity demanded of vaccines leading to fall in expenditure on vaccines. <u>Comment: [2m]</u> Rise in price of vaccines will make vaccines which are essential less affordable and accessible to poorer developing nations compared to	
		richer developed nations leading to less people being vaccinated in poorer developing countries. This worsens global equity.	
(c)	expla poter	reference to Figure 1 and with the use of a production possibility curve, ain how the increase in the number of people vaccinated can impact ntial economic growth in a country. ID 19 daily cases hospitalised fell while the number of people vaccinated	[4]
	in the There fall in	e United States rose from 16 th January 2021 to 29 th May 2021. e would be contraction in the potential economic growth of a country due to a labour productivity and deaths when the number of Covid 19 daily cases were However, the reduction in hospital cases given the increase in the number of	
	peop in lat This	le vaccinated suggests an improvement in health. This means a possible rise our quality through increase productivity. leads to a positive impact on potential economic growth of a country.	
		ram: parallel outward shift	
	<u>OR</u>		
		ID 19 daily cases hospitalised fell while the number of people vaccinated in Inited States rose from 16th January 2021 to 29th May 2021.	
	There would be contraction in the potential economic growth of a country due to a fall in labour productivity and deaths when the number of Covid 19 daily cases were high. However, with the increase in the number of people vaccinated, there will be less deaths and an improvement in labour productivity. This can prevent any further fall in potential growth since quantity and quality of workers will not fall too excessively.		
	Hend	e the fall in potential economic growth can be mitigated.	
	Diag	ram: parallel outward shift	
(d)	With	reference to Extract 2:	
	(i)	Explain the possible factors an individual considers when making a rational decision about consuming vaccination and comment on whether an individual can make a rational decision regarding his or her consumption of vaccination.	[6]
		Explain the factors (Any 2 factors- 4m) Introduction In making a decision, it is important for the individual to consider the possible costs involved in the decision, the possible benefits involved in the decision as well as other considerations such as constraints	

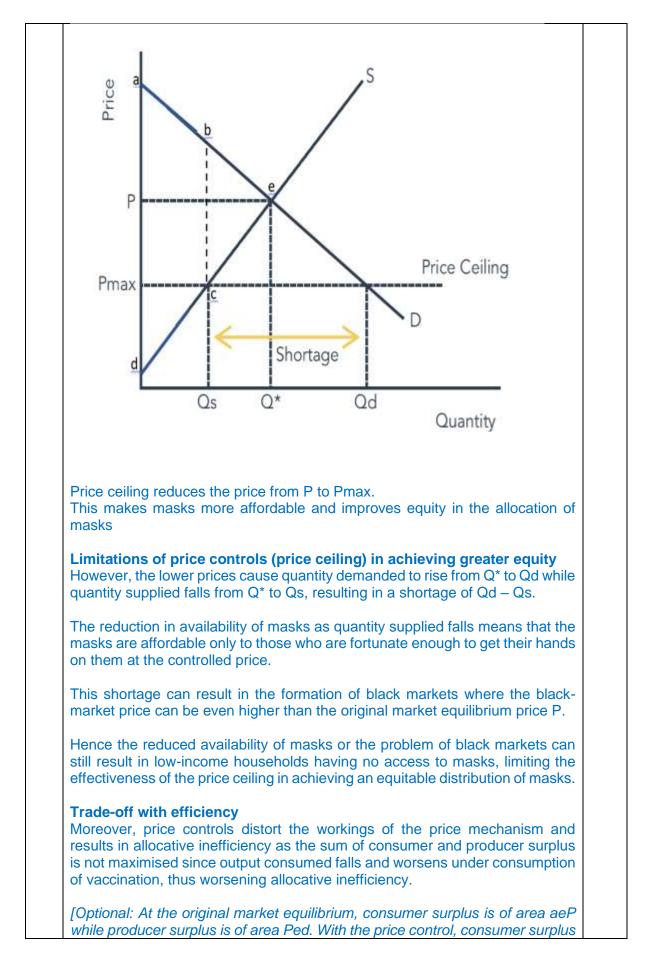
		ation required and also possible unintended	
	consequences.		
	Body		
	Possible Benefits	s.	
		and stronger protection from COVID 19 virus.	
		hood of restrictions such quarantine orders or isolation	
		ble to continue with work and earn higher income due	
	to greater produc	•	
	Possible costs:		
		vaccination centres	
		side effects to vaccinations	
	Loss of income of	due to medical leave after vaccination	
	Constraints:		
		as vaccination may take long waiting hours if individual	
	has busy work h	, , ,	
		It if there is high medical cost incurred due to more	
		cts of vaccination	
	Information:		
		s and costs of vaccination spread through online media	
	SOURCES	voilebility of vessions, and vession tion contract	
	Information on a	vailability of vaccines and vaccination centres	
	Unintended cons	sequences:	
		make individuals to feel more secure and thus may not	
		sures such as mask wearing and keeping safe distance	
		busly which can increase risk of becoming infected with	
	virus as well as t	ransmitting the disease to others for example family	
	members incurri	ng potentially higher healthcare costs.	
	0		
	Comment: [2]	to make a notice of classician due to mininformation. This	
		to make a rational decision due to misinformation. This	
		Il Private Benefit perceived to be lower than Marginal rue. Thus, individuals might not be able to make a	
		as they perceive marginal private benefits to be less	
		ivate costs and thus may choose not to consume	
	vaccines.	······································	
(ii)		towards vaccination might stem from both not having	[10]
		on about the vaccine and from being exposed to wrong	
	information."		
	Discuss whether	free and voluntary vaccination is the best way to improve	
		in a country where vaccination hesitancy is present.	
	Question Analy		
	Command	Discuss whether	
	Content	Free and voluntary vaccination	
	Context	Market failure in the market for	
		vaccination	

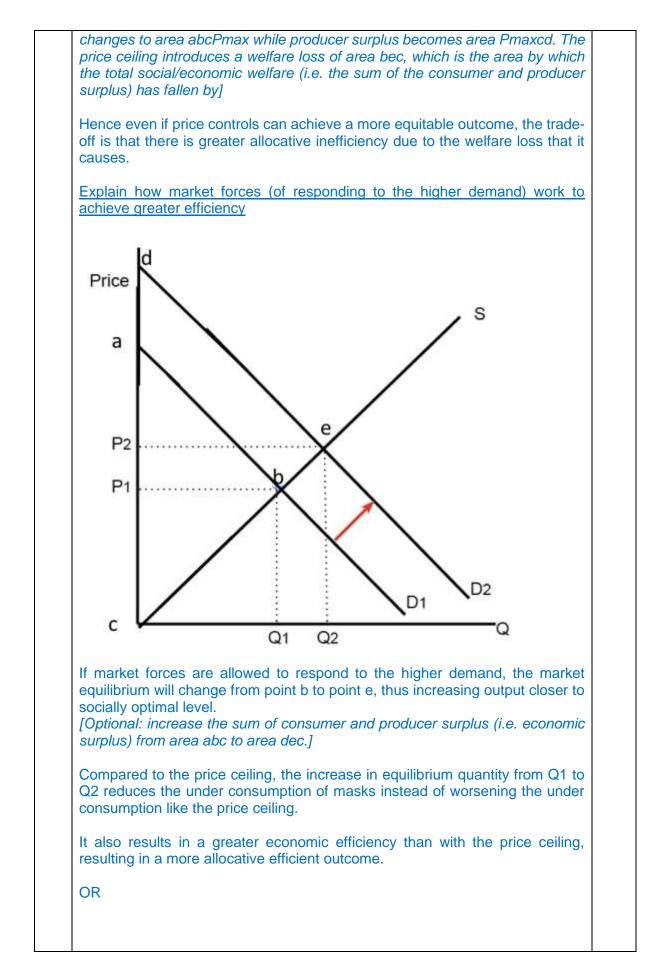
Schematic Plan	
Market failure arising from informa externalities in consumption	tion failure and positive
Side 1: Free and voluntary vaccination may be the best way to address vaccination hesitancy	Side 2: Free and voluntary vaccination may not be the best way to address vaccination hesitancy
Conclusion (N	Make a stand)
Introduction Due to the allocative inefficient outovaccination, the government may n Covid 19 vaccine to improve resour order to achieve its microeconomic Explain market failure in the vaccine	eed to intervene in the market for ree allocation and societal welfare in objective of allocative efficiency.
hesitancy	
protection from virus and thus u MPBperceived is less than MPBt output level where MPBperceived =	benefits of vaccine providing strong inderestimate their MPB such that rue. Consumers consume at lower MPC instead of socially optimal level gives rise to deadweight loss and
Thesis: Free and voluntary vacci address vaccination hesitancy.	nation may be the best way to
Free vaccination reduces MPC	vay to address vaccination hesitancy of vaccination to zero and thus level closer to socially optimal level, allocative inefficiency.
better quality of vaccination servic closely monitor the service stand perception of the safety and effe	the government may also result in sees since the government is able to ards which helps to improve public ctiveness of vaccine, thus reducing increase consumption of vaccination reduce allocative inefficiency.
Voluntary vaccination may be the b	est way to address vaccination
	lirectly into the body, there could be a significant proportion of the hesitant in getting vaccinated.
benefits and costs before making	ng individuals freedom to consider decision with regards to vaccination inst vaccination programme, thereby

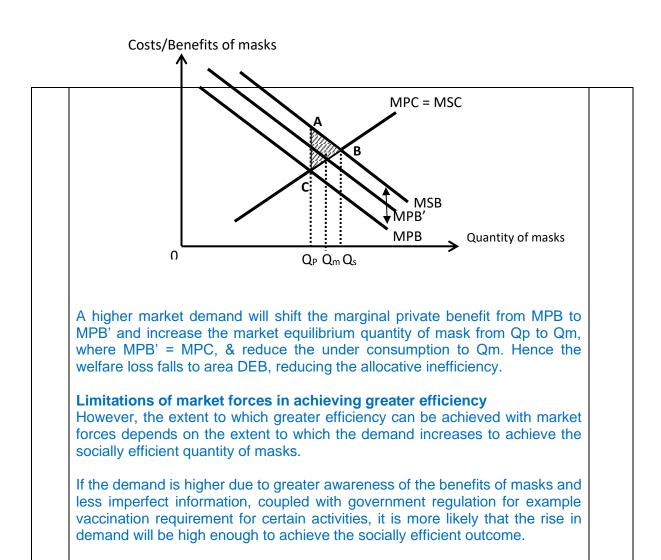
reducing the extent of potential spread of misinformation. This may help to reduce the amount of government spending on measures to stem protests and/or spread of misinformation.	
Anti-thesis: Free and voluntary vaccination may not be the best way to address vaccination hesitancy.	
Limitations of free vaccination:	
Government provision requires financing which will again take a toll on the government budget and divert government resources away from other projects such as infrastructure development or educational programmes. This may affect the economic progress and future standard of living of the country.	
In addition, while public provision will enable the government to directly provide the optimal amount of the good, it may also result in inefficiency as the government may be subject to government failures as well. This happens when the government, in its bid to intervene and correct the situation in the markets, ends up making the situation worse by creating greater inefficiency. For example hoarding and panic buying of vaccines by the richer countries led to wastage of vaccines thus worsening inefficiency.	
Limitations of voluntary vaccination:	
Since the vaccination is voluntary, consumers may not choose to take up vaccination even when provided free if they are not fully aware of benefits of vaccination or are adversely affected by misinformation about vaccine potential ill-effects.	
Other policies may be better to address vaccination hesitancy:	
Public education Public education campaigns to provide sufficient and accurate information about the vaccines as well as correcting the misinformation given out by anti-vaxxers helps to increase information flow and increases MPBperceived to MPBtrue. This helps to reduce vaccination hesitancy and increase consumption to socially optimal level thus eliminating deadweight loss and achieving allocative efficiency.	
Limitations: Powerful and constant onslaught of vaccine misinformation is far- reaching and require high level of funding for public education campaigns which could divert resources away from co-ordinating national vaccination programmes effectively. This means that overall consumption of vaccine cannot be increased to desired level to protect the populations from the virus if too much of government funding were used to implement public education campaigns.	
Legislation/Regulation	
Governments can implement laws and regulate the sharing of inaccurate information about vaccine online in order to reduce the amount and reach	

L3 For a well-developed balanced answer that is contextualised well. There should be well-explained economic analysis to demonstrate how free and voluntary vaccination may or may not address vaccination hesitancy. Marking Tip: For well-explained answers that considered both positive externalities in consumption and information failure award 7 marks
Build of the second s
of vaccine misinformation. This also helps to reduce the efforts required for public education campaigns as it is easier to convince individuals of benefits of vaccines if they are less exposed to vaccine misinformation. Governments can make vaccination compulsory in order to increase level

	L2 L1	For well-explained answers that considered only positive externalities in consumption award up to 6 marks For an under-developed balanced answer that may contain some minor errors or is largely not contextualised. The answer may not make good use of economic analysis/terms and is largely descriptive. For an unbalanced answer that is fraught with conceptual errors.	3-4
	E2	For a substantiated judgement.	2-3
	E1	For an unsubstantiated judgement.	1
(e)	imposing a price	sible trade-off between efficiency and equity, discuss whe control or allowing market forces to respond to a surge in den more desirable allocation of single-use masks in a country.	
	Command	Discuss whether	
	Content	Imposing price control or allowing market forces to respond to surge in demand	
	Context	More desirable allocation of mask	
	trade-off with el Side 1: Impos would result in allocation of ma	implemented to improve equity but there may be a fficiency. sing price control Side 2 : Allowing market forces to n more desirable respond to surge in demand	
	Introduction		
	controls in the main a trade-off bet	Iter equity, the government can intervene by imposing parket for mask to ensure they are affordable, but this can reween equity and efficiency.	
	Body Explain how pri	ce controls (price ceiling) work to achieve greater equ	uity







Trade-off with equity

However, the higher demand will increase the market equilibrium price and make this basic good even more unaffordable to low-income groups, worsening the inequitable distribution of masks based on purchasing power alone.

Conclusion+Evaluation (Which is more desirable)

The surge in demand and prices for masks prompted some government to intervene with price ceilings to achieve a more equitable outcome.

However, with the shortage and potential formation of black markets, we can see that this approach may not necessarily result in a more equitable outcome.

Furthermore, it is clear that such price controls distort the workings of the price mechanism and introduces greater inefficiencies into the market, worsening the inefficiencies already present due to the existence of the causes of market failure like positive externalities and imperfect information.

Allowing market forces to respond to the higher demand would reduce the under consumption of masks due to the earlier mentioned causes of market failure.

While it is clear that inequity would be worsened, it is likely to be a short-run problem. The higher equilibrium prices would make it more profitable to produce masks. In the long-run, it would encourage new producers to enter this lucrative market, increasing the total market supply.

under cor more affo run as we as provisi short run Furthermo be part of especially	In supply will not only increase equilibrium quantity and further reduces a supply will not only increase equilibrium price and make mass reaches, potentially resulting in a more equitable outcome in the logel. The government could also consider market based solution such on of subsidy to mask producers to achieve the rise in supply in the reduce price and improve equity.	sks ng ch he an ies
Level	Knowledge, Understanding, Analysis, Application	Marks
L3	For a well-developed balanced answer that is contextualised well. There should be well-explained economic analysis to demonstrate how price ceiling can result in a more equitable outcome and how higher demand can result in a more efficient outcome. Trade-off between efficiency and equity for BOTH price control and market forces are well-explained.	7-9
L2	For an under-developed balanced answer that may contain some minor errors or is largely not contextualised. The answer may not make good use of economic analysis/terms and is largely descriptive.	3-5
L1	For an unbalanced answer that is fraught with conceptual errors.	1-2
E2	For a substantiated judgement.	2-3
E1	For an unsubstantiated judgement.	1

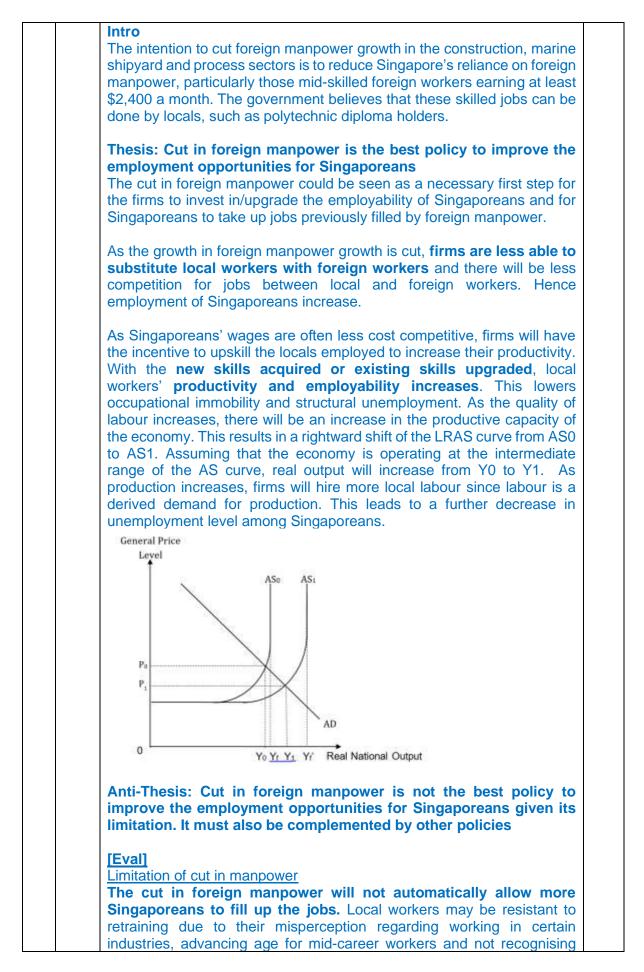
[Total: 45 marks]

Question 2: Putting Migration into Perspective

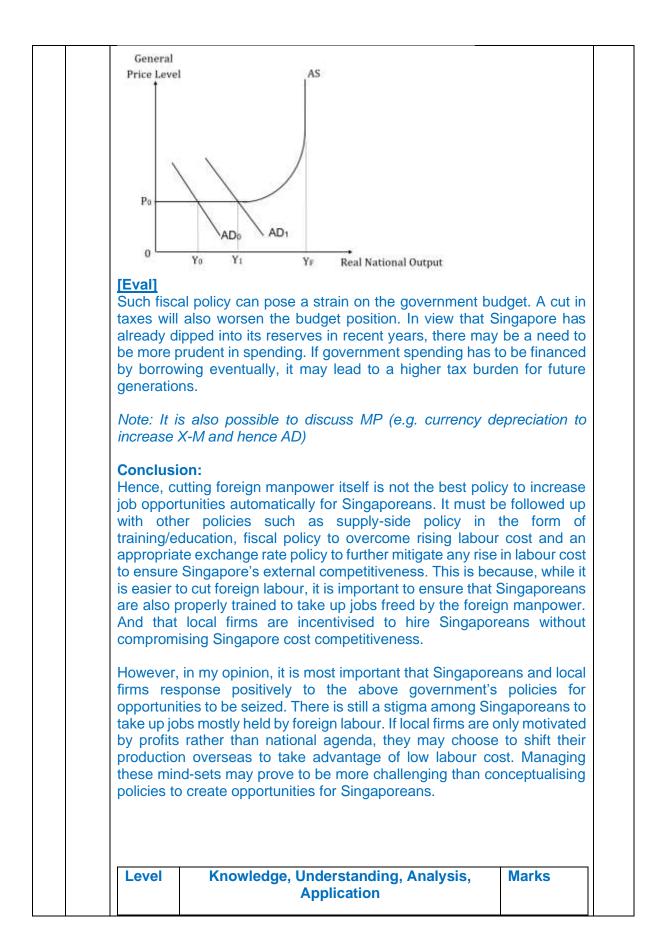
(a)	(i)	State the factors that are included in the Human Development Index (HDI) measure.	[3]
		 The index is based on the level of: 1) Health (measured by life expectancy at birth) 2) Knowledge (measured by combining expected years of schooling for school-age children with the mean years of prior schooling for adults aged 25 years and older) 3) Income (GNI per capita at PPP exchange rates) 	
	(ii)	With reference to Extract 4, explain how the HDI is a better measure of standard of living than the use of real GDP per capita and comment on whether this is always the case.	[6]
		• Standard of living refers to the well-being of an average person in the economy. This includes the <i>material (quantitative)</i> and <i>non-material (qualitative)</i> aspects of welfare.	
		 Real GDP per capita only allows one to assess the material standard of living of an average person in a country. The higher the real GDP per capita, the higher the real purchasing power of an average person; and thus more goods and services could be bought. On the other hand, HDL is a composite index that also takes into 	
		 On the other hand, HDI is a composite index that also takes into account the quality/non-material well-being such as the life expectancy and educational levels attained. Hence, HDI is a better measure of the standard of living because 	
		 it considers both the material and non-material aspects of standard of living. For example, despite a higher real GDP per capita (PPP adjusted), health indicators such as lower life expectancy could reflect poorer health due to possibly longer working hours. Hence, in this way, the HDI provides a more holistic understanding of the standard of living of an average person in the economy. OR 	
		 OR the real GNI per capita measurement in HDI is PPP adjusted. The PPP adjustment attempts to measure the relative living standards between the two countries adjusting for the fact that prices are not equal at current exchange rates. OR 	
		 In addition, GDP per capita has been criticised by economists to be an imperfect measurement of well-being over space due to difficulties/different ways to calculate GDP per capita between countries e.g. some non-marketed segments of economy are not included in GDP, especially for developing countries hence underestimating GDP per capita. At best ,GDP per capita is used as a proxy of material well-being 	

	(iii)	 to GDP per capita given the fact that it attempts to factor in the non-material aspect of life since SOL concerns both the material and non-material aspects of life. Despite low GDP per capita, some countries (e.g. Nepal) can still enjoy higher standard of living given that its citizens enjoy a high non-material standard of living through other means e.g. less stress and more leisure time and religious inclination. This means HDI could be higher for these countries. OR HDI may not be much better as there is still a strong correlation between HDI and GDP per capita figures. E.g. a higher real GDP per capita does allow people to enjoy higher quality of goods and services e.g. healthcare and education and in turn a higher quality of life. This means conclusion on SOL using HDI may not change much from using real GDP per capita figures. In addition, HDI is based on only 2 non-material dimensions. However, countries that enjoy high GDP per capita may have low non-material standard of living due to other factors such as racial/gender discrimination, political oppression and environment degradation. These factors may not be captured sufficiently by HDI. With reference to Figure 2 and Extract 4, explain the relationship between HDI and emigration level. 	[4]
		 very high HDI. [1m]Extract 4 states that migration is expensive. This explains why countries with very low HDI based on in Fig 2, have much lower emigration toward advanced economies. [1m] As countries develop, people are more likely to access resources—such as money, knowledge, and networks, improved and awareness of better economic opportunities and lifestyles elsewhere. This tends to give people the capabilities and aspirations to migrate to urban areas or foreign lands. Hence, we see that as countries develop towards achieving low to middle level HDI, the level of emigration also increases. [1m] The positive relationship turned negative as countries further develop towards high and very high HDI. This shows that with growing prosperity and development, emigration decreases. There are opportunities locally and there is no need to migrate.[1m] 	
(b)		With reference to Extract 5:	
			I I

	(ii)	The level of production describes the level of output of goods and services produced in a country in a particular time period. On the other hand, productivity is measured by the unit of output produced per unit of input in a given time period. Explain why productivity might be higher in an advanced economy than in a developing economy and comment on whether this trend may	[6]
		 The decompting contently and common of the method intervention and the density of infrastructure; capital investment; skills/education; and skilled managers. More importantly, the ability to adopt new technology due to high level of skills/education allow human-capital to be complemented with technology which allows more output per man-hour. All these significantly improves innovation and in turn productivity. Productivity in a developing economy is likely to be lower than in a developed economy due to inadequate infrastructure; insufficient capital investment; focus on primary production; lack of skills/education; unavailability of skilled managers. These factors will result in less output per unit of input e.g. man-hour Comment: With productivity growth already slowing in advanced countries due to factors such as aging population, the productivity gap between developing and developed countries may narrow. OR As developing countries begin to catch up on technology, they have the potential to increase productivity at a much faster pace than advanced countries that may already have maximised the use of their resources and there is a limit to how much more they can increase their productivity. 	
	(iii)	Explain how migration can impose fiscal costs. Fiscal costs are costs arising from lower tax revenues and higher government spending/ an increase in government expenditure. As migration can depress wages in the short run and displace some native workers, governments will be less able to collect income tax revenue and may even need to distribute transfer payments such as unemployment benefits. These increase fiscal costs.	[2]
(c)		The main policy instruments available for any government to meet its macroeconomic objectives are fiscal policy, monetary policy and supply- side policy. Discuss whether the cut in foreign manpower growth is the best policy to improve the employment opportunities for Singaporeans.	[10]

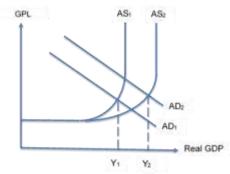


how they could benefit from retraining programmes. In addition, skills training may take a long time before their effects are seen. As a matter of fact, the Singapore government has been doing its best efforts to increase the pipeline of local workers in the construction, marine shipyard and process sectors previously over the past years but still failed to produce enough of such skilled locals. Hence, even with the cut in foreign manpower, Singaporeans are still unable and unwilling to take up the jobs in the near future and over time. As such the cut in foreign manpower will likely not improve Singaporeans' employment opportunities.	
The cut in foreign manpower may create unintended consequences such as an increase the cost of operating in Singapore due to rising labour cost. This may result in firms relocating elsewhere. This will subsequently result in job losses and deprive Singaporeans of jobs instead.	
In addition, the cut in foreign manpower in this case maybe at best creating mid-skilled jobs for Singaporeans. There is a need for the government to ensure that enough quality jobs are created for all Singaporeans with different level of skills	
Other complementary policies needed (One other policy preferable demand-side policy)	
Fiscal policy: To increase employment opportunities, the government may consider expansionary fiscal policy. For example, the government may also consider expansionary fiscal policy by reducing corporate tax e.g. put in place a partial tax exemption scheme to small and medium-sized enterprises (SMEs) to encourage investment. This would also encourage firms to invest more and create jobs for Singaporean workers.	
When income tax and corporate tax falls, Investment (I) will increase as post-tax profits of investment increases. Increase in I will lead to an increase in AD and NY via the multiplier effect. The initial increase in AD (due to the I and G) will lead to a rise in output and NY. The rise in output leads to a further rise in factor incomes as more factors of production are employed. This will cause households to increase their consumption. This subsequent rise in induced C will lead a further rise in AD and hence NY, which leads to further rounds of increases in induced C. This process stops when the rise in NY is too insgificant to induce another round of increase in C. Therefore, there is a more than proportionate rise in NY via the multiplier effect. As labour is a derived demand, unemployment will fall as firms increase their demand for local labour. In fact, if sufficient jobs are created, there may not be a need to cut foreign labour. Local and foreign manpower can be combined to create a more diverse labour force for Singapore, the country can in turn attract more investments and grow the pie for Singaporeans.	



	L3 L2	 For a well-developed balanced discussion on whether cutting foreign manpower (supply-side policy) is the best policy to increase employment opportunities for Singaporeans. There must be least one alternative policy being discussed. Good reference to extract evidence and Singapore's context and supported by appropriate tools of analysis e.g. ADAS diagram For an under-developed balanced discussion on whether cutting foreign manpower (supply-side policy) is the best policy to increase employment opportunities for Singaporeans. The answer may not make good use of economic analysis/terms and is largely descriptive. 	5-7 3-4				
	L1	For an unbalanced answer that is fraught with conceptual errors.	1-2				
	E2	For a substantiated judgement.	2-3				
	E1	For an unsubstantiated judgement.	<u></u> 1				
(d)	and ens results	ority of Singapore residents feel that protecting the suring that no one is left behind should be prioritised in slower economic growth." (Extract 7) is the extent to which you agree with this view.		[12]			
	includin improve per cap individu	Intro: Economic growth is one of the 4 macroeconomic goals of any government including the Singapore government. Economic growth can bring about a improvement in standard of living. Economic growth results in rising real incom per capita, ceteris paribus. With greater affluence and purchasing power, eac individual can consume a greater bundle of goods and services. The materia standard of living would thus be improved.					
	Thesis: Agree with the view that economic growth should be slowed protect the environment and reduce inequity Despite the benefits of economic growth, rapid and relentless economic grow can result in negative consequences such as environmental degradation and income inequality.						
	High le cause v well as deadwe	Environment degradation High level of economic activities that results from rapid economic growth car cause worsening of environmental degradation like air and noise pollution as well as traffic congestion. The higher external costs generated will lead to large deadweight loss, hence worsening allocative inefficiency in Singapore Consequentially, quality of life among Singaporeans will also be lowered.					
In addition, rapid economic growth in general can result in increased us Earth's scarce natural resources. This may accelerate the need to							

alternative sources of energy and necessary minerals such as iron globally, which would not only create more environmental degradation but also likely push up the cost of production globally. Countries, including Singapore, have already been experiencing negative effects of climate change. In addition, the higher cost of production due to more expensive raw material may eventually cause a slowdown in economic growth of the Singapore economy for future denerations. Worsens income inequality The benefits of economic growth may accrue only to a few people, especially due to Singapore's push for greater structural change. When an economy undergoes structural changes (e.g. from low technology, labour-intensive to capital-intensive industries), there may be a rise in the real GDP but workers who are unable to upgrade their skills fast enough to match the needs of the new job opportunities will find themselves structurally unemployed. Those who are unable to match the pace of transformation will lag behind and possibly fall into the poverty trap. This would widen the income gap. Hence, the increase in income of the economy that arises from economic growth may not be distributed equally or equitably among the population. Therefore, in order to slow/avoid the negative consequences from economic growth as mentioned above, one might advocate for a slower pace of growth. Anti-Thesis: Disagree with the view. Environment and inclusivity can coexist with appropriate policies to achieve economic growth with sustainable and inclusive growth. As mentioned in Extract 4, it is the less educated and skilled who will be most negatively impacted by the slower growth. One should not disregard the experiences and perspectives of these people as we advocate for slower economic growth. Essentially, economic growth need not necessarily result in trade-offs in the form of environmental degradation and income inequality. This is, in particularly, when Singapore can aim for both sustainable and inclusive growth by change the nature of how we achieve economic growth. Sustainable growth must be maintained without creating other significant economic problems (such as depletion of resources and environmental problems or large increases in general price levels), for the future generations. To achieve sustainable growth Singapore can adopt policies that incorporate environmental developments. E.g. Singapore government has been increasing research on ecosystem (G), incentivising private firms to invest and use environment-friendly technology in their production (I). The increase in G and I will increase AD. In addition, government has also been supporting skills training to train graduates and workers for opportunity in the green economy. This helps to increase Singapore's productive capacity in producing goods and services more sustainably, causing LRAS to increase. Inclusive growth indicates a rate of growth that is sustained over a period of time, is broad-based across economic sectors, and creates productive employment opportunities for the majority of the country's population. To achieve inclusive growth, Singapore government can implement policies such as fiscal policy that focuses on redistribution of income and reduce income inequality; and investment in education and training facilities from early childhood and throughout adult life to ensure that people have the ability to access opportunities equally, and to increase productivity of individuals in ways that can create more and better jobs. The redistribution of income in the form of transfer payment helps to increase consumption by poorer households (C) and in turn AD. The eventual accumulation of human capital also increases in productive capacity and hence, AS.



In both cases, AD increases from AD1 to AD2 and LRAS increase from AS1 to AS2, Singapore not only achieves sustained economy growth but also contributes to both environment protection as well as providing equal access to opportunities and resources for people who might otherwise be excluded or marginalized,.

Conclusion

I largely disagree with the view that economic growth should be slowed in order to prioritise environment protection and ensure that no one is left behind. As a matter of fact, if growth is slowed, there might be less ability for Singapore government and firms to protect the environment by adopting green technology. Furthermore, with a slower growth, there might also mean a smaller redistribution of income to the less privileged.

Instead, Singapore should focus on achieve both sustainable and inclusive growth with the right policies to ensure sustainability and inclusivity co-exist with sustained growth. There is no need to reduce economic growth in order to prioritise environmental developments and to ensure no one is left behind.

Level	Mark Scheme	
L3	A well-developed and balanced discussion on whether economic growth needs to be slowed to achieve sustainability and inclusivity. Answer considers various perspectives and is well-supported by rigorous economic analysis.	(6 – 9)
L2	An underdeveloped discussion on whether economic growth needs to be slowed to achieve sustainability and inclusivity. Answer somewhat considers various perspectives and is supported by economic analysis.	(3 – 5)
L1	An answer that is underdeveloped; it might not have made links to sustainable and/or inclusive growth. Answer may contain conceptual errors.	(1 – 2)
E2	Answer that takes a stand on the view. Judgement is well-elaborated on.	(2 – 3

	E1	Unexplained judgement on the stand taken.		(1)
			[Total:	45 marks]

~End of Paper~