PEARSON EDEXCEL A-LEVEL ECONOMICS A · 9EC0

ECONOMICS



EXAM QUESTION PACK

4.3 EMERGING AND DEVELOPING ECONOMIES

SCORE	PERCENTAGE
/690	%

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Questions

Q1.

Use the data to support your answers where relevant. You may annotate and include diagrams in your answers.

The International Monetary Fund has called on the G20 group of large industrialised countries to boost government spending on infrastructure.

(Source: https://www.theguardian.com/business/2016/jul/23/imf-calls-for-more-government-spending-as-rate-cuts-lose-their-impact)

(a) Draw an aggregate demand and aggregate supply diagram to show the likely impact of an increase in government spending on infrastructure on a country's price level and real output.

(4)



(b) Which **one** of the following would be an example of government spending on infrastructure?

(1)

An increase in:

☒ **A** construction work on new railway lines

☒ **B** interest payments on the national debt

☒ **C** salaries for teachers

☒ **D** unemployment benefit payments

(Total for question = 5 marks)

Q2.

The table shows the selected economic data in 2014 for Vietnam and India.

	Gross National Income per capita (2011 PPPs)	Human Development Index (HDI) value
Vietnam	5 092	0.666
India	5 497	0.609

(Source: www.hdr.undp.org/en/composite/HDI)

(a) Which **one** of the following statements can be deduced from the data in the table?

(1)

☒ **A** Average incomes are higher in India than in Vietnam.

☒ **B** Levels of absolute poverty are higher in Vietnam.

☒ **C** Life expectancy is higher in India than in Vietnam.

☒ **D** Provision of healthcare and education is less effective in Vietnam than in India.

(b) With reference to the data provided, explain **two** limitations of using the HDI to compare levels of development between countries and over time.

(4)

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(Total for question = 5 marks)

Q3.

Chile

Figure 1: Copper prices, US dollars per tonne, 2007–2015



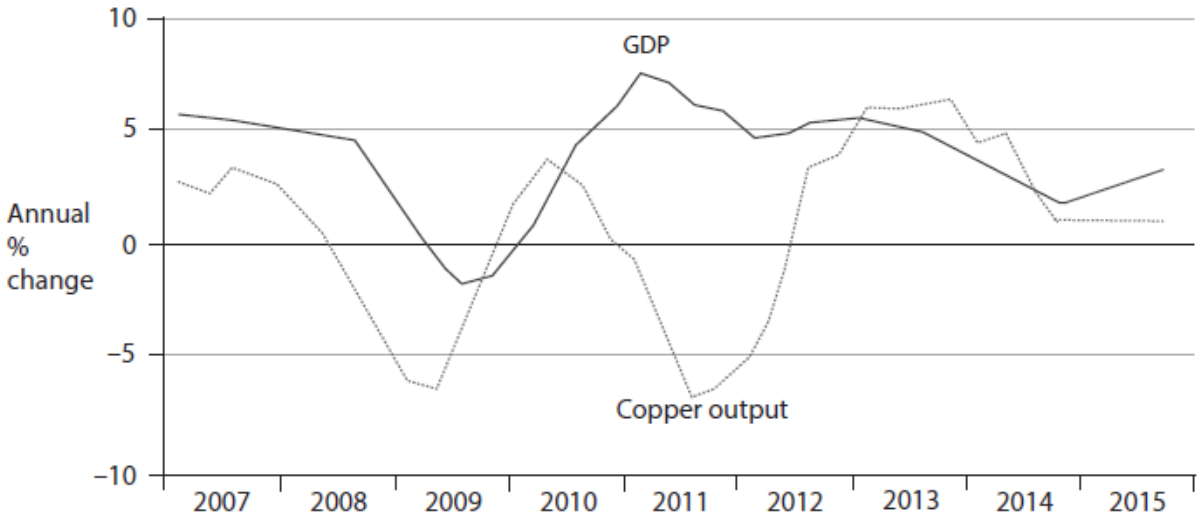
(Source: adapted from http://www.indexmundi.com/commodities/?commodity=copper&months=120)

Figure 2: US dollar per 100 Chile pesos exchange rate, 2007–2015



(Source: https://www.google.co.uk/finance?q=CLPUSD&ei=OGEvVun-AoulU6awjugF)

Figure 3: Chile: copper output and real GDP growth, 2007–2015



(Source: adapted from FT.com sources below)

Extract A

Chile's economic outlook brightens

Chile has been hit hard by a worldwide fall in commodity prices since 2011. Copper accounts for 20% of Chile's GDP and 60% of its exports; one third of the world's copper is produced by Chile. China purchased 40% of the world's copper, so a slowdown in China combined with increased global over-supply has meant copper prices have collapsed (see Figure 1). Chilean government income from copper exports had reached $11.5 billion a year before copper prices fell, but now tax revenues from this source have fallen drastically. Growing numbers of copper mines struggle to break even at current prices.

Chile's GDP is now growing, helped by a weak currency that has boosted export industries outside the mining sector, such as its successful wine and salmon industries. There are strengths in tourism and high-tech products. Public services are good in Chile, and poverty rates have been falling fast. On top of this, a large and diversified financial sector with high domestic savings provides a useful safety net, given high levels of corporate debt and the government's need to finance a fiscal deficit of 3% of GDP.

Chile's economy is often regarded as the best run in the region. This is attributed to the credibility of its financial institutions, relatively low levels of national debt (about 15% of GDP) and its free-trade model, which is unrestricted by government interventionism that has distorted the economies of countries such as Argentina and Venezuela. "Chile is an example of how credible institutions can smooth the economic cycle and make adjustments less traumatic," said Mr Valdés, the minister of finance in Chile, pointing to its widely respected and independent central bank and a well-established fiscal rule that give officials the freedom to implement counter-cyclical policies.

However, there are worries that without enough spare capacity in the economy, expansionary fiscal and monetary policies could end up increasing inflation rather than economic growth. Meanwhile monetary policy is restricted by inflation that has reached 5%, well outside the central bank's 2–4% target range, fuelled by a weaker exchange rate. Crucially, investment remains low because of uncertainty over the outcome of the Prime Minister's reforms, which are aimed at reducing inequality. A recent rise in corporation tax from 20% to 25% and labour market reforms that strengthen the power of trade unions may have a negative effect on business confidence.

Despite a "mildly contractionary" budget, Valdés insisted that the government would continue with costly reforms. Increased taxes on those on higher incomes are considered by the government to be necessary to sustain economic development in Chile. "We do want to change society, while recognising all the good things that have been done in the past 25 years," said Mr Valdés, referring to an average growth rate of 5.3% over the past three decades, but under 2% in 2015. There is broad consensus that investment in education is the key to unlocking Chile's growth potential.

(Sources: adapted from http://www.ft.com/cms/s/0/89926ce8-df96-11e4-a6c400144feab7de html#axzz3pCnzT3PC FT 20 April 2015 and http://www.ft.com/cms/s/0/d60ac2b2-7453-11e5-a129-3fcc4f641d98.html?siteedition=uk#axzz3pCnzT3PC FT 19 October 2015 and http://www.ft.com/cms/s/0/d60ac2b2-7453-11e5-a129-3fcc4f641d98.html?siteedition=uk#axzz3pCnzT3PC FT 19 October 2015 all by Benedict Mander)

Extract B

Chile's copper mining on a downward track

There was a time when investing in Chilean mining meant guaranteed success. After 1990, when military rule was replaced by an elected government, market reforms and restored relations with the US and UK meant foreign companies were keen to exploit vast copper reserves. The existence of large copper reserves in a stable country with a business-friendly government is rare, making Chile much more attractive to investors than countries such as Zambia.

By mid-2015, however, the copper price hit a six-year low. Chilean mines are becoming less productive. After 20 years of heavy digging, the ore is lower grade, and much further down. The deeper pits take longer to mine, and use more fuel. Wages are high, and trade unions are powerful. A mining truck driver earns $70 000 a year, $10 000 more than the US equivalent. Many mining projects that were planned are being postponed, and investors are looking to Peru; even the US copper mining industry is becoming more competitive.

Energy supply is also a worry as Chile produces virtually no fossil fuels and relies on imported coal and liquid natural gas to power its mines. Energy costs account for 18% of the cost of copper production.

Water supply is also becoming a major problem. Farmers and communities accuse mining companies of causing water shortages to keep their operations running. A prolonged drought has not helped. Mining firms are turning to desalination plants or using untreated seawater. However pumping water 200 kilometres from the Pacific Ocean to the copper mines is costly.

Chile's environmentalist movement has forced the government to tighten regulations. In 2001, it took 236 days to get an environmental impact assessment of a new mine approved. By 2013, this had increased to 506 days.

(Source: adapted from http://www.ft.com/cms/s/0/ea060ef4-6ae2-11e5-8171-ba1968cf791a.html#axzz3p20if45k Gideon Long September 27, 2015)

(a) With reference to Figure 2, explain **one** likely reason for the change in the Chile peso exchange rate between 2013 and 2015.

(5)

(b) Examine the likely impact of externalities of copper mining on firms and communities within Chile.

(8)

(c) Apart from externalities, discuss the problems that Chile faces as a result of dependency on copper mining.

(12)

EITHER

(d) With reference to the information provided and your own knowledge, evaluate the microeconomic and macroeconomic effects of policies that could be used to stimulate economic growth and development in Chile.

(25)

OR

(e) With reference to the information provided and your own knowledge, evaluate the microeconomic and macroeconomic impact on Chile's economy of changes in the level of investment.

(25)

(Total for question = 50 marks)

Q4.

The East African Community (EAC)

	Burundi	Kenya	Rwanda	Tanzania	Uganda
GDP (US$ bn)	2.47	37.23	7.10	28.25	19.80
Population (mn)	16.14	62.78	18.21	58.43	48.89
GDP per capita (US$)	.....	.....	390	483.48	405
GDP per capita PPP (US$)	483	1 517	1 167	1 380	1 165
HDI	0.355	0.519	0.434	0.476	0.456
IHDI	no data	0.344	0.287	0.346	0.303

(Sources: www.tradingeconomics.com, United Nations)

Figure 1

Economic indicators for the five EAC member countries, 2012

(a) With reference to Figure 1, calculate the ratio of Burundi's GDP per capita to Kenya's GDP per capita in 2012.

(5)

Extract A

Burundi's economic growth

Burundi has maintained a stable macroeconomic environment and over recent years improved its performance in health, education and gender equality. However, in spite of this recent progress, Burundi's economic growth has been modest compared to neighbouring countries in the EAC.

Burundi is a small, land-locked country and is one of the most aid-dependent countries in the world. The country is vulnerable to external shocks, such as volatile food and energy prices, declining aid flows, and the adverse impact of climate change.

These factors are made worse by the high proportion of current expenditure in the government budget, and a high level of tax exemptions – counting for as much as 3% of GDP.

Coffee and tea make up almost 70% of Burundi's total export earnings. This lack of export diversity makes it difficult to widen the tax revenue base and finance public investments.

(Source: adapted from 'Burundi: more fiscal resilience will improve government effectiveness', All Africa, 19 December 2013, http://allafrica.com/stories/201312190925.html)

Extract B

Trade in East Africa

The EAC was established as a free trade area in 2000 by Kenya, Tanzania and Uganda, with Burundi and Rwanda joining in 2007. Its objectives are the promotion of free trade and the free movement of capital and labour among its members. In 2013, an agreement was signed outlining plans for launching a monetary union by 2024.

Between 2000 and 2011, lower tariffs within the EAC boosted regional trade, offering the five member countries a route to faster growth. During 2000–10, intra-regional exports increased from US$700 million to US$2 billion. Rwanda's exports have grown the most during this period, from US$1.6 million to US$156 million, but are still a fraction of those of Kenya, the region's largest economy. Kenya's exports to the other EAC members were about US$1.2 billion in 2010. In contrast, export growth in Burundi – the poorest member – has remained constant and imports have declined, mainly because of civil war and inferior infrastructure, such as airports, roads, and docks.

(Source: adapted from 'Trade in East Africa', Finance & Development, IMF, December 2011, Vol. 48, No. 4, http://www.imf.org/external/pubs/ft/fandd/2011/12/data.htm)

(b) With reference to Extract A and Extract B, examine **two** factors that constrain economic growth in Burundi.

(8)

(c) With reference to Figure 1, discuss the use of GDP data as a means of comparing living standards among the five EAC member countries.

(12)

(d) Assess the benefits Kenya has gained from its membership of the EAC since 2000.

(10)

(e) Discuss the likely costs and benefits of monetary union to the five members of the EAC.

(15)

(Total for question = 50 marks)

Q5.

(a) With reference to Extract C, explain what can be inferred about the price elasticity of demand for coffee beans.

(5)

(b) With reference to Figure 4, examine the likely impact of the 19% increase in the price of coffee beans between January and February 2014, on the price of a cup of coffee bought from a

coffee shop.

(8)

(c) Discuss the different degrees of contestability in the farming of coffee beans **and** in the UK coffee shop market.

(12)

EITHER

(d) With reference to the information provided and your own knowledge, evaluate the likely microeconomic and macroeconomic effects of fluctuating coffee bean prices on coffee-producing countries.

(25)

OR

(e) With reference to the information provided and your own knowledge, evaluate the likely microeconomic and macroeconomic effects of the depreciation of the *real* on Brazil's economy.

(25)

(Total for question = 50 marks)

Q6.

(a) With reference to Figure 5 and Extract C, explain **one** likely reason for the fall in the exchange rate of the Turkish lira.

(5)

(b) Discuss the costs to the Argentine economy of an inflation rate "estimated by some economists to be over 25%". (Extract D, line 9)

(12)

(c) With reference to Extract E, examine the impact of restrictions on beef exports on how Argentine farmers decide to use their land.

(8)

EITHER

(d) With reference to the information provided and your own knowledge, evaluate the likely

microeconomic and macroeconomic effects of the imposition of 'price controls' (Extract E, line 8) in Argentina.

(25)

OR

(e) With reference to the information provided and your own knowledge, evaluate the likely microeconomic and macroeconomic effects of the 23% devaluation of the Argentine peso.

(25)

(Total for question = 50 marks)

Q7.

From 2000 to 2013, Zambia's Human Development Index (HDI) increased from 0.423 to 0.561.

Evaluate interventionist strategies that a government can use to promote economic development in its country. Refer to a developing economy of your choice in your answer.

(Total for question = 25 marks)

Q8.

Since the global financial crisis of 2008 there have been over 5 700 increases in tariffs, quotas and administrative controls on international trade.

Evaluate the likely effects of an increase in protectionism on the economy of a developing country of your choice.

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(Total for question = 25 marks)

Q9.

Global oil prices fell from a 2008 peak of $147 a barrel to $27 in 2016.

Evaluate the likely macroeconomic consequences of a significant fall in global oil prices.

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(Total for question = 25 marks)

Q10.

Turkey – an emerging economy

Figure 1: Turkey's central bank lending rate, percent, 2013–2018

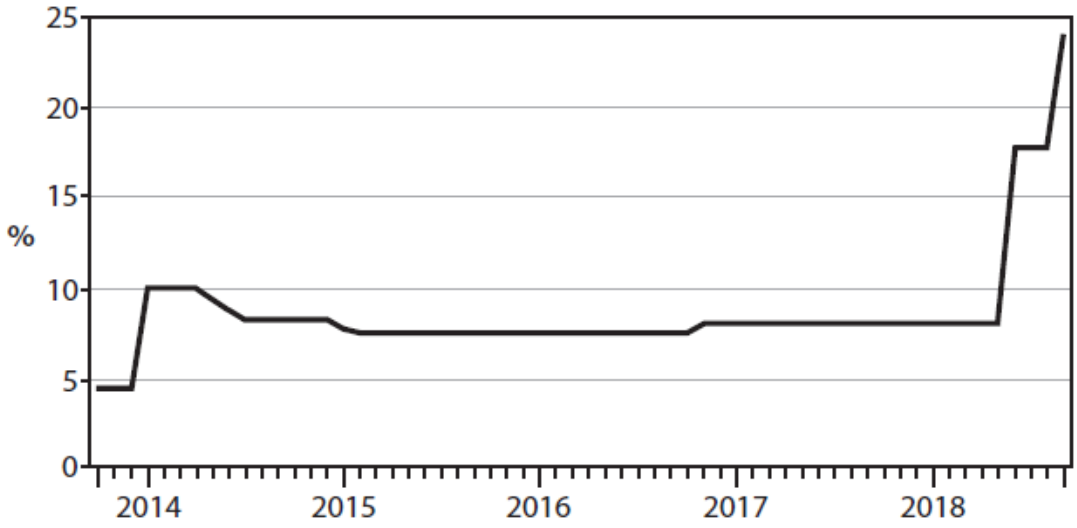
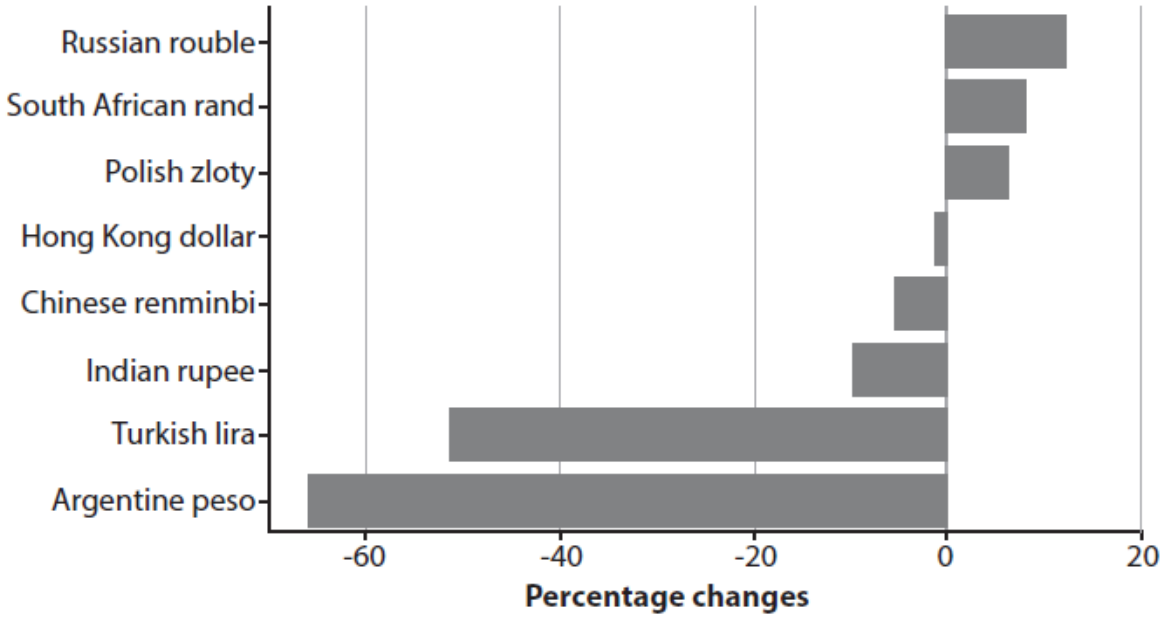


Figure 2: Selected emerging economy exchange rates, percentage change against the US dollar: January 2018 compared to January 2016.



(Source adapted from: FT.com)

Extract A

Can Turkey's central bank avoid another rate rise?

At an annual rate of 25%, Turkey's inflation is alarming. However, it may have peaked. This may be a turning point for the economically struggling country, whose currency (the Turkish lira) has lost nearly a third of its value against the US dollar in 2018. The central bank may be able to avoid tightening monetary policy further, as a severe economic adjustment is already well under way. Turkey is highly indebted in foreign currency. The Turkish government takes measures against excessive appreciation or depreciation of the Turkish lira to reduce financial stability risks. The financial market faces difficulties in trying to restore foreign investors' confidence.

Consumer prices increased by 2.7% in October 2018, a much lower rate than the 6.3% recorded in September 2018. The lira has stabilised, having risen 16% since the central bank raised interest rates by 6.25 percentage points. However, the government wants lower borrowing costs to fuel credit growth and economic expansion. Timothy Ash at a London investment bank says at this point it's "illogical" to raise interest rates again in Turkey. That's because Turkey's economy is already experiencing a severe slowdown.

In the long term Turkey's economic growth is expected to be above that of other emerging markets such as Brazil, Russia and China. Turkey's private sector is resilient. Between 2018–50 we expect Turkey to grow by an annual average of 3.1%. Brazil is expected to grow by an annual average of 2.1%, Russia by 1.6% and China by 2.8%. GDP growth will nevertheless be well below that recorded in 2004–07 and 2010–15. Average growth in GDP per head will be substantially lower, mainly reflecting the expected rise in the total population.

(Source adapted from: https://ftalphaville.ft.com/2018/11/06/1541508141000/Can-Turkey-s-central-bank-avoid-another-rate-hike-/. 6 Nov 2018 Colby Smith and one sentence The president wants lower borrowing costs to fuel credit growth and economic expansion from https://www.theguardian.com/world/2018/aug/07/turkey-urged-to-announce-emergency-interest-rate-hike Larry Elliott 7/8/18 and http://country.eiu.com/article.aspx?articleid=157174199&Country=Turkey&topic=Economy&subtopic=Long-term+outlook&subsubtopic=Summary)

Extract B

Turkey aims to bin the plastic bag

You get a free plastic bag whenever you go to a shop, even if it is just to buy a loaf of bread or a chocolate bar. In Turkey, plastic bags are everywhere, with millions being thrown away, and their use is causing a growing environmental problem.

In Istanbul, the country's biggest city with about 12 million people, around 10000 tonnes of waste are being collected every day. Plastic bags and other plastic waste make up 950 tonnes, or almost 10%, of the total waste.

The Turkish government said it was looking at ways to discourage the consumption of single-use plastic bags. One possible step currently under review is a ban of the black bags that are said to contain carcinogens. Another is that the state may raise taxes on plastic products, which could lead to supermarkets charging consumers for the bags. In Corlu, a town north-west of Istanbul, a local environmental group distributed 20000 canvas bags to shoppers in one month. In some parts of Turkey, plastic bags are completely banned, with heavy fines for both firms and consumers who use them.

(Source adapted from: tseibert@thenational.ae
https://www.thenational.ae/world/europe/turkey-aims-to-bin-the-plastic-bag-1.530059 accessed 11/11/18)

Extract C

Istanbul's third airport set to be the busiest in the world

Istanbul's third airport is being constructed over an area of 76.5 million square metres, to the north of Istanbul. When complete, the new airport will have six runways and have an annual passenger capacity of up to 200 million people, making it potentially the world's busiest airport. "This airport is going to be the most important hub between Asia and Europe," said one business leader.

The airport design includes high vaulted ceilings and spacious, modern and efficient design – and its tulip-shaped air traffic control tower won the 2016 International Architecture Award. It uses mobile applications and artificial intelligence for customers, is energy efficient and has a high-tech security system. The site employs 36000 people and is estimated to cost the equivalent of £10 billion. However, the rush to meet the deadline set by the Turkish government is a major cause of accidents on the construction site, according to the construction workers' union.

(Source adapted from: https://www.lonelyplanet.com/news/2018/08/08/istanbuls-huge-new-airport/ and
https://www.voanews.com/a/istanbul-to-unveil-new-airport-seeks-to-be-world-s-biggest/4632308.html)

(a) Explain how the Turkish central bank intervenes in the currency market to prevent 'excessive appreciation or depreciation of the Turkish lira' (Extract A, lines 7–8).

(5)

(b) Examine **two** reasons why the Turkish government may want to avoid a significant fall in the exchange rate of the Turkish lira.

(8)

(c) Discuss the likely success of policies to reduce the consumption of single-use plastic bags in cities such as Istanbul.

(12)

EITHER

(d) Evaluate the likely microeconomic and macroeconomic effects of a rise in interest rates in Turkey.

(25)

OR

(e) Evaluate the microeconomic and macroeconomic impact of large infrastructure projects such as the building of a third airport in Istanbul.

(25)

(Total for question = 50 marks)

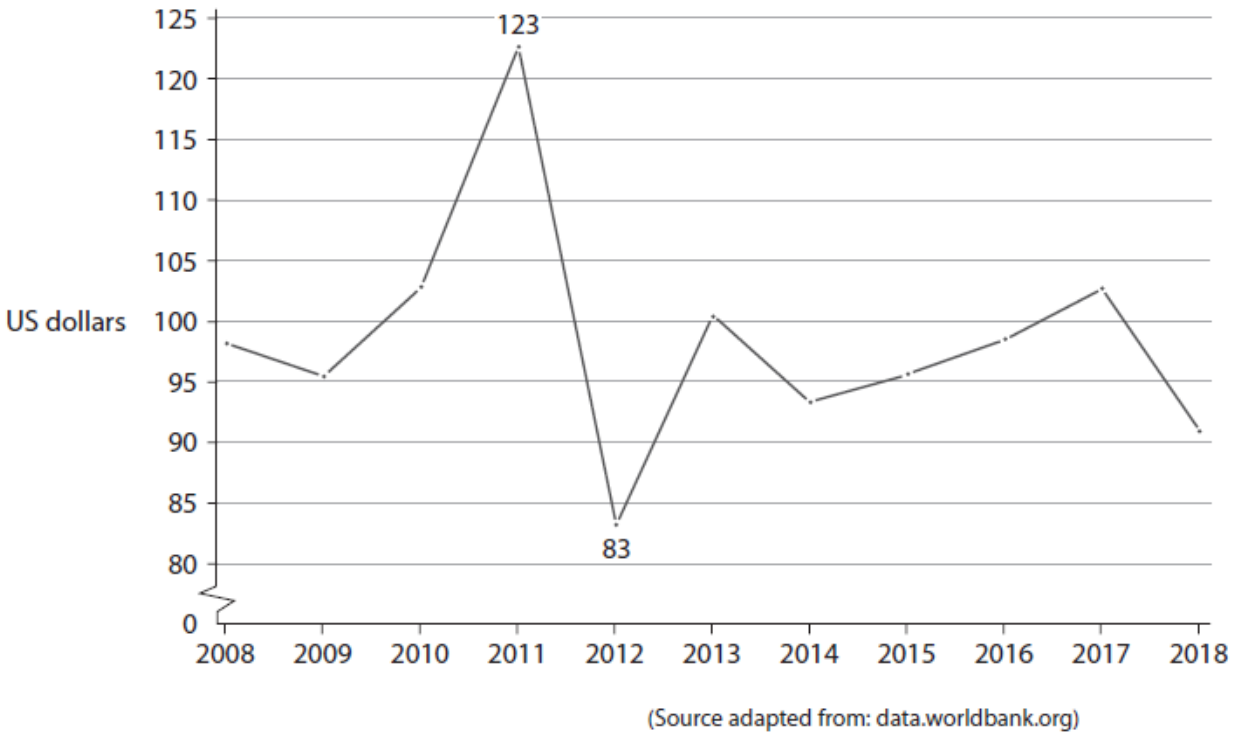
Q11.

Use the data to support your answers where relevant. You may annotate and include diagrams in your answers.

Read Figures 1, 2, and 3 and extracts A and B before answering this question.

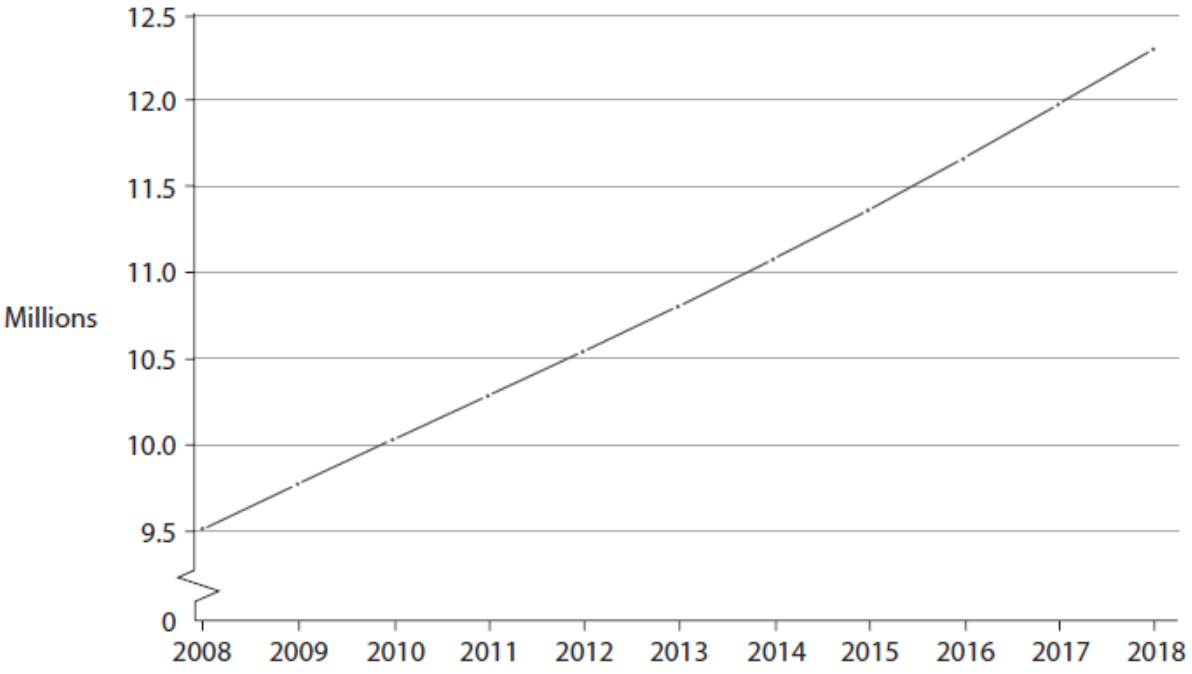
Trade and aid in Rwanda

Figure 1: Aid funding received by Rwanda (per capita, US dollars), 2008 to 2018



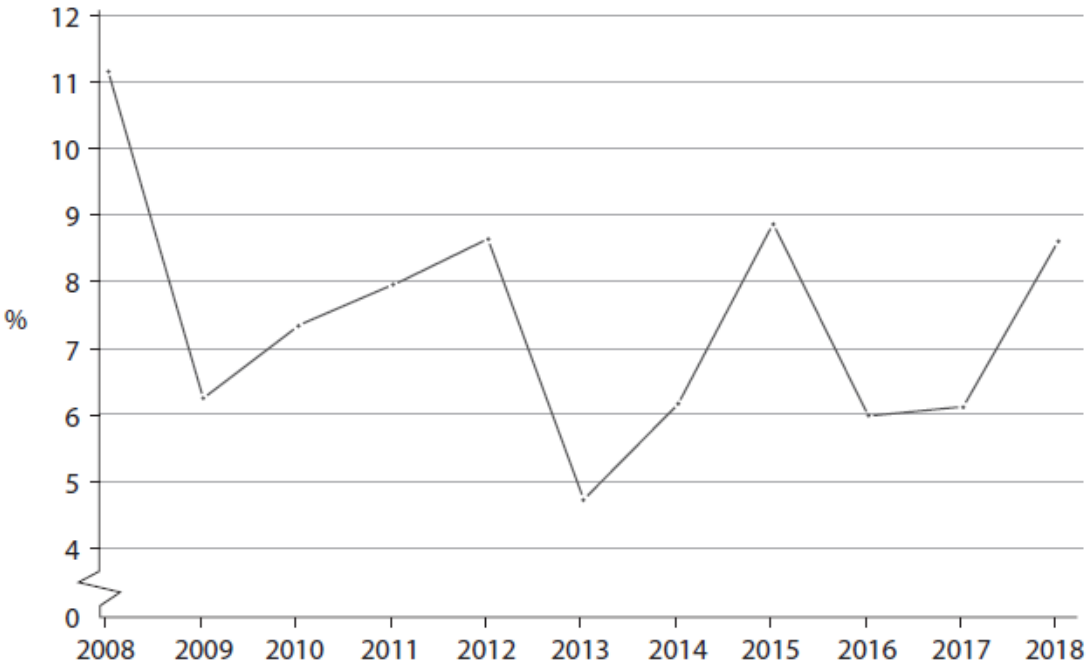
(Source adapted from: data.worldbank.org)

Figure 2: Population of Rwanda (millions), 2008 to 2018



(Source adapted from: https://tradingeconomics.com/rwanda/population)

Figure 3: Rwanda real GDP annual percentage growth rate, 2008 to 2018



(Source adapted from: African Development Bank Statistics accessed April 2020)

Extract A

Rwandan tariffs on imports of used clothing

In a market in Kigali, Rwanda's capital, an auction is under way. Sellers offer crumpled T-shirts and faded jeans; traders argue over the best picks. Everything is second-hand. A Tommy Hilfiger shirt sells for 5 000 Rwandan francs ($5.82); a plain one for a tenth of that. Afterwards, a trader sorts through the purchases he will resell in his home village. The logos hint at their previous lives: Kent State University, a rotary club in Pennsylvania, Number One Dad.

These auctions were once twice as busy, but in 2016 Rwanda's government increased import tariffs on a kilo of used clothes from $0.20 to $2.50. Now many traders struggle to make a profit. The traders are not the only ones who are unhappy. Exporters in the US claim the tariffs are costing jobs there. In March, the US President warned that he would suspend Rwanda's tariff-free access to US markets for its clothing exports after 60 days if it did not remove the tariff.

Globally, about $4 billion of used clothes crossed borders in 2016. The share from China and South Korea is growing, but 70% still come from Europe and North America. Many go to Asia and eastern Europe, but Africa remains the largest market. The trade enables poor people to afford clothes and creates retail jobs. However, governments worry that the trade undercuts their own clothing manufacturers.

Second-hand imports of clothing now dominate African markets. Researchers at the Overseas Development Institute, a British think-tank, estimate that Tanzania imports 540 million used items of clothing and 180 million new ones each year, while producing fewer than 20 million itself. African manufacturing is weak for many reasons, from ineffective privatisations to collapsing infrastructure. But second-hand clothing imports are a major factor: it is estimated that they accounted for half of the fall in employment in the African clothing industry between 1981 and 2000.

For example, a clothing factory in Kigali is operating at only 40% of capacity and employs 600 workers, down from 1 100 in the 1990s. It is hard to compete, says Ritesh Patel, its manager, when a used imported T-shirt sells for the price of a bottle of water. Instead, the company specialises in uniforms for police, soldiers and security guards, which cannot be bought second-hand.

The threatened suspension of tariff-free access to the US market would hurt Rwanda, but not very much. Last year Rwanda sold just $1.5 million of clothing to the US. Nor, with about 12 million people, is Rwanda a big market for US exports.

(Source adapted from: https://www.economist.com/finance-and-economics/2018/05/31/rwanda-refuses-to-remove-tariffs-on-imports-of-used-clothing)

Extract B

Development in Rwanda

Rwanda's strong economic growth has been accompanied by substantial improvements in living standards, with a two-thirds drop in child mortality and near-universal primary school enrolment. A strong focus on policies to encourage industrialisation and poverty reduction initiatives have contributed to significant improvements in access to services and human development indicators. Absolute poverty declined from 59% to 39% of the population between 2001 and 2014 but was almost stagnant between 2014 and 2017. The official inequality measure, the Gini index, declined from 0.52 in 2006 to 0.43 in 2017.

(Source adapted from: https://www.worldbank.org/en/country/rwanda/overview)

(a) Using the data in Figures 1 and 2, calculate the change in the level of total aid funding to Rwanda between 2011 and 2012.

(5)

(b) With reference to the information provided, examine **two** likely benefits for the Rwandan economy of the growth in the country's population.

(8)

(c) With reference to the information provided, assess the likely impact on the Rwandan economy of the change in aid received between 2017 and 2018.

(10)

(d) Discuss the likely impact on Rwandan consumers and clothing manufacturers of the increase in the tariff on imports of second-hand clothes. Use an appropriate diagram to support your answer.

(12)

(e) Discuss policies, other than import tariffs, that the Rwandan government could use to develop its manufacturing industries.

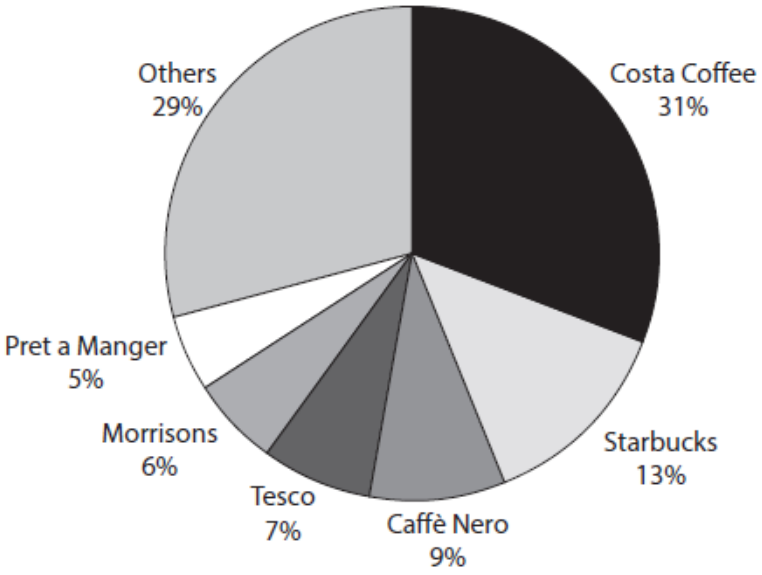
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(Total for question = 50 marks)

Q12.

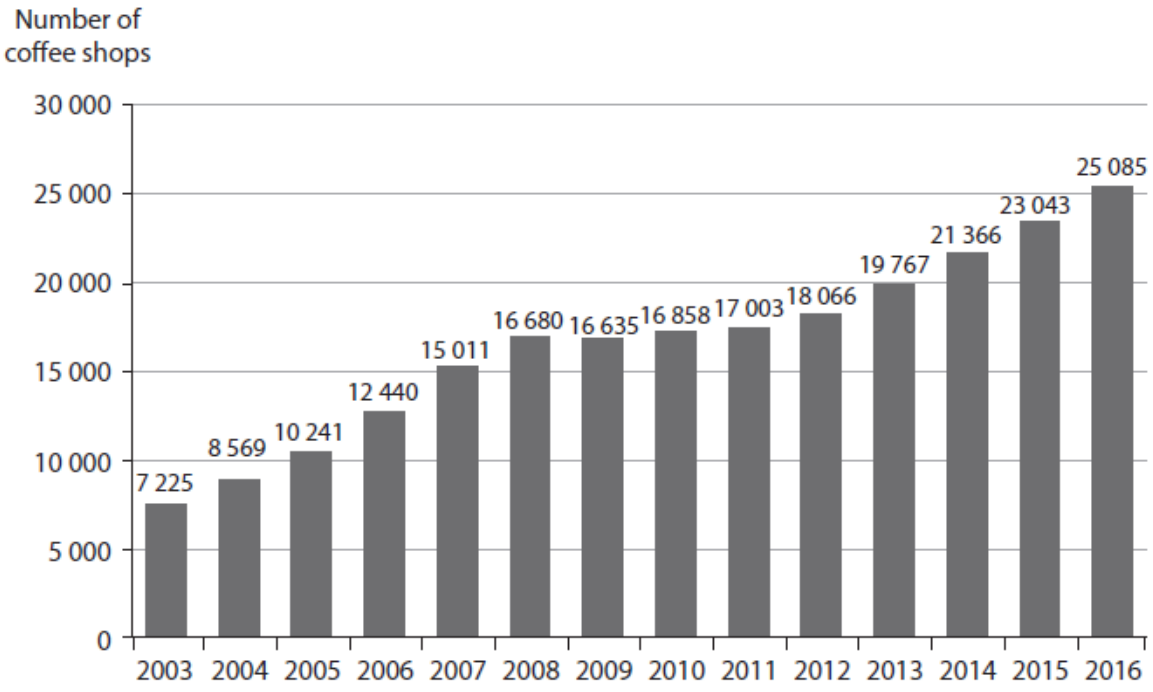
Branded coffee shops

Figure 1: Market share of UK branded coffee shops, 2015, percentages



(Source: http://metro.co.uk/2015/12/14/the-uks-most-popular-coffee-shop-has-been-revealed-5564569/)

Figure 2: Number of Starbucks coffee shops worldwide, 2003–2016



(Source: https://www.statista.com/statistics/266465/number-of-starbucks-stores-worldwide/)

Figure 3: Price comparison in selected London coffee retailers, February 2017

Coffee style	Starbucks	Costa Coffee	Caffè Nero	Greggs	McDonald's
Espresso Double	£2.00	£2.00	£1.70	£1.65	£0.99
Latte Medium	£2.60	£2.50	£2.50	£1.80	£1.79
Latte Large	£2.80	£2.70	£2.80	£2.10	£2.09

(Source: data collected from coffee shops in Holborn, London on 25 February 2017)

Extract A

Starbucks in Britain – a loss-making business?

Coffee shops are among the most profitable parts of the food and drink industry, and few are doing quite as well as Starbucks, a US-based transnational company. Starbucks may be complaining of adverse global market conditions but that did not stop the world's biggest coffee chain from reporting record annual profits in 2016. It made a profit of almost US$4.2 billion for the year, up 16% on 2015. That was mainly the result of a strong performance in its biggest market, America, where revenue rose 11%. The fastest growth was in the China and Asia Pacific region, with revenue up 23%. Howard Schultz, the CEO of Starbucks, said its Chinese coffee shops were the most efficient and profitable. While Starbucks still makes most of its profit in the US, Mr Schultz has said expansion in China will secure its future for "decades to come" and announced plans to more than double the number of shops in China to 5 000 by 2021.

However its British subsidiary, at first glance, appears to be doing less well. It has announced its first ever profit in Britain in 2015 – of just £1 million – despite opening its first coffee shop in the UK in 1998. It now has 849 UK outlets. The main reason why Starbucks has reported persistent losses in the UK is not due to a lack of demand for its coffee, but to minimise its tax bill. It is claimed that some of Starbucks' revenue earned in the UK is transferred to its Dutch subsidiary, which is charged lower rates of tax.

Starbucks is not finding life as easy in Britain as in the USA. It faces competition from home-grown chains such as Costa and Caffè Nero. Accusations of tax avoidance have also damaged Starbucks' sales to the benefit of its competitors. A survey found that a third less people rated Starbucks as their preferred coffee shop than they did before the tax-avoidance allegations were first published.

These issues have forced Starbucks to change its strategy. It has slowed down its expansion plans in the UK and has closed 67 underperforming coffee shops over the past year. It has also tried to repair its reputation by transferring its European headquarters from Amsterdam to London.

(Sources: adapted from *The Economist* 14 February 2015 http://www.economist.com/news/business-and-finance/21643271-tax and Starbucks company report 2016 and http://s21.q4cdn.com/369030626/files/doc_financials/2015/Starbucks-Fiscal-2015_Financial-Highlights.pdf)

Extract B

Tax on disposable coffee cups?

Two and a half billion disposable cups are thrown away every year in the UK, that is, seven million every day. Only one in 400 is recycled. The UK Environment Minister has suggested that a coffee cup tax could work in a similar manner to the plastic bag charge. The 5 pence a bag charge has led to an 85% reduction in the number of bags being given out since October 2015. It is estimated that introducing a tax on disposable coffee cups would cut usage by two billion every year. One environment spokesperson, Kate Parminter, said: "We've seen how dramatically a small charge has affected public behaviour when it comes to the plastic bags and it is clearly time to extend it to coffee cups. Most people purchase a tea or coffee and throw away the cup without even thinking about it, but a charge would increase our awareness of the environmental impact."

In response, another MP welcomed her comments but said he did not believe a tax was the solution. He said: "My initial reaction is charging 5p or 10p for the cup will not work. It will not encourage people to take their own cups in if a coffee goes up from £2.60 to £2.65. I suspect a more technological answer is what we need – either the composition of the disposable cups being changed so they're more easily recyclable, or changing the technology in the recycling."

Disposable coffee cups contain a plastic coating inside the cups which prevent them from becoming soggy, making them difficult to recycle. There are just two specialist facilities in the UK that have the required equipment to separate plastic from paper for recycling. Almost no recycled paper is used in the production of disposable cups, meaning that some 43 000 trees must be cut down annually to keep up with the demand. CO_2 emissions of around 83 000 tonnes are generated every year for their production.

(Sources: adapted from http://www.independent.co.uk/news/uk/politics/disposable-coffee-cups-could-be-taxed-like-plastic-bags-environment-minister-says-a6938126.html 05/09/16 and https://www.cchdaily.co.uk/lib-dems-call-5p-plastic-bag-tax-coffee-cups)

Extract C

German city of Freiburg takes action on cutting the use of disposable coffee cups

The 'Freiburg cup', made from dishwasher-proof plastic, can be reused hundreds of times. Cups are issued with a one-euro deposit, and can be returned to any of the participating coffee shops in the German city. The cups, which are provided to coffee shops by local councils, are washed in the cafés and bakeries that have signed up to the scheme before being reused. 56 coffee retailers have signed up, and 10 000 cups are being used.

One of the main obstacles facing a wider-reaching scheme, however, is the number of café chains in Germany that are unwilling to use unbranded multi-use cups, particularly Starbucks and McDonald's. Starbucks already offers a discounted coffee for customers with a multi-use cup, but only if it is bearing the unmistakable Starbucks logo.

(Source: adapted from http://www.dw.com/en/germanys-love-for-coffee-to-go-leaves-environmental-groups-demanding-action/a-36689719)

(a) With reference to Figure 1, briefly explain the market structure that best describes the UK branded coffee shop market.

(5)

(b) With reference to Figure 3 and other information provided, discuss the price and non-price strategies that Starbucks may use to increase profitability.

(12)

(c) Examine the advantages of using an indirect tax as a means of reducing the use of disposable coffee cups.

(8)

EITHER

(d) Evaluate the microeconomic and macroeconomic factors that may influence Starbucks' decision whether to expand in a particular country.

(25)

OR

(e) With reference to the information provided and your own knowledge, evaluate the microeconomic and macroeconomic effects of increased UK demand for coffee at branded coffee shops.

(25)

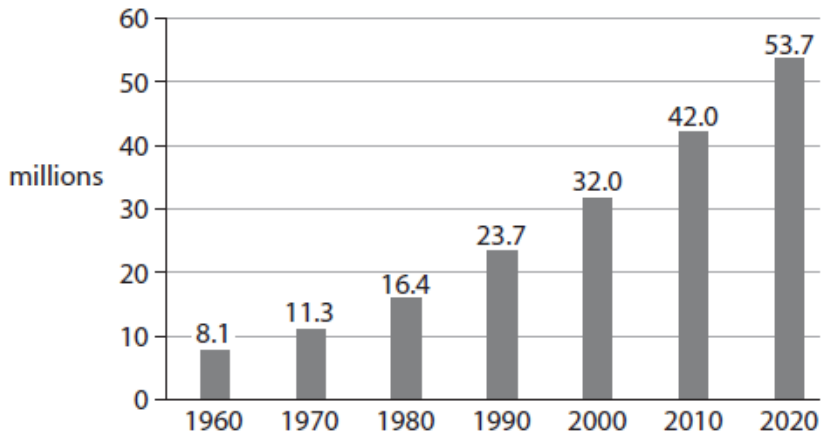
(Total for question = 50 marks)

Q13.

Read Figure 2 and the following extracts (D to G) before answering this question.

Sub-Saharan Africa – growth and development

Figure 2: Kenya population, millions, 1960 to 2020



(Source: adapted from Population, total - Kenya | Data (worldbank.org))

Extract D

Growth and development in Africa: 'Africa has a massive opportunity as a low-cost provider of services'

The outlook for Africa's economies is not as simple as the Lewis model of growth and development implies: do more manufacturing or stay poor. Many countries are expanding into areas that economists are starting to call 'industries without smoking chimneys'. Some, such as flower-exports, may not be classified as manufactured goods in export statistics. But the process of producing flowers looks a lot like factory work and demands many of the same management skills. These industries also deliver many of the benefits of normal manufacturing, including many well-paid jobs, and greater opportunities.

(Source: adapted from https://www.economist.com/special-report/2020/03/26/many-of-africas-economies-are-doing-well)

Extract E

The demography of Kenya – 'Demography will shape Africa's future'

Falling birth rates, when accompanied by rising literacy, can help kick-start growth. In Kenya 39% of the population is below the age of 15, falling from 43% in 2009. The labour force (15–64 years) is 57% and is the fastest growing population group. 6% of the population is over the age of 60. The number of children per family has fallen sharply, from 8.1 children in 1978 to 4.6 children in 2008, and it is projected to possibly reach 2.4 children by 2050.

In the 1970s little more than half of children in sub-Saharan Africa were enrolled in primary school. That share has shot up to almost 100%. The statistic is slightly misleading, since the percentage of children regularly attending schools is nearer 60%.

Why does Kenya's population continue to rise rapidly, while family size declines? There are two reasons. First, due to high fertility in previous decades, there are many more families in Kenya today. So even though families are smaller, the total number of children continues to grow. Second, Kenyans are living longer, with better healthcare – for example, polio was eradicated in 2014. Life expectancy is projected to increase from 54 years today to 68 years by 2050.

28% of Kenya is urbanised, and is becoming rapidly more so. By the 2030s it is expected that 36% of Kenyans will live in towns or cities rather than the poorer rural areas. Rich countries are urban countries. No country has ever reached high income levels with low urbanisation. Large urban centres have two distinct economic advantages. First, as more people interact, there is more scope for innovation. Young people need jobs, but they also create jobs. Kenya has an educated workforce and a dynamic service industry, which typically has lower barriers of entry than agriculture or manufacturing, and provides opportunities for young entrepreneurs. Second, larger groups of population living in close proximity allow for economies of scale.

In light of these facts, Kenya's future pattern of population growth can be a force of good. A large urbanising and well-educated population tends to generate a strong middle class and vibrant private sector. Economic development may be easier to achieve and sustain – though it is not guaranteed.

(Source: adapted from https://www.economist.com/special-report/2020/03/26/africas-population-will-double-by-2050 and https://kenya.unfpa.org/sites/default/files/pub-pdf/state_of_kenya_population_report_2020.pdf and https://www.worldbank.org/en/news/opinion/2010/04/28/demographic-transition-growth-kenya)

Extract F

Kenya has an absolute advantage in cut flowers

In the UK, 80% of cut flowers come via the Netherlands, although a significant proportion come from Kenya. Some Kenyan flowers come straight to the UK on direct flights from Nairobi, where entire terminals at certain airports are dedicated to flights exporting flowers.

Kenya flower production has three major advantages over the Netherlands: areas of high altitude with cool nights, which many flowers benefit from, proximity to the equator for maximum hours of sunlight, and cheaper labour. This means an end to seasonal production and the beginning of a 365-day-a-year absolute advantage. The Netherlands has cost advantages in machinery and transport equipment, not flowers.

Cut flowers are now Kenya's second largest export after tea, contributing around 1% of the country's GDP. They are also one of the country's largest sources of employment, with over 100 000 people working directly in the flower industry and an estimated two million indirectly.

(Source: adapted from: https://www.economist.com/middle-east-and-africa/2021/02/11/kenyas-floral-exports-are-blooming-once-more)

Extract G

Changes in interest rates in sub-Saharan Africa

When Robert Matsiko was a young man his grain-milling business in eastern Africa was destroyed by fire. Now, after building it back up from the ashes, he is being hurt by high interest rates. To buy a new machine he must borrow from a bank at an annual rate of 22%. 'You fear to do that,' Mr Matsiko says. Many other entrepreneurs feel the same, which stops their businesses from growing, although very small firms can get help from microfinance schemes.

Kenya's central bank rate has fallen from over 20% to 7% in the last decade, but the rates charged to small businesses and individuals are much higher than the central bank interest rate. In sub-Saharan Africa, the gap between saving and borrowing rates is higher than anywhere else. The average bank lends at 6.8% above the central bank interest rate. Mobile banking, credit-information sharing and innovation have helped to bring borrowing costs down. But until birth rates fall, interest rates will stay relatively high, because families with many children cannot afford to save.

(Source: adapted from https://www.economist.com/finance-and-economics/2020/05/21/why-interest-rates-are-so-high-in-africa)

(a) Explain what is meant by the Lewis model. Refer to Extract D in your answer.

(5)

(b) Examine **two** demographic factors influencing development in Kenya.

(8)

(c) Using the example of cut flowers (Extract F), discuss how the concept of absolute advantage may lead to growth in Kenya. Use numerical or diagrammatic analysis in your answer.

(12)

EITHER

(d) Evaluate the microeconomic and macroeconomic effects of decreasing interest rates in Kenya, or another developing country of your choice.

(25)

OR

(e) Evaluate the microeconomic and macroeconomic strategies that could be used to promote development in Kenya, or another developing country of your choice.

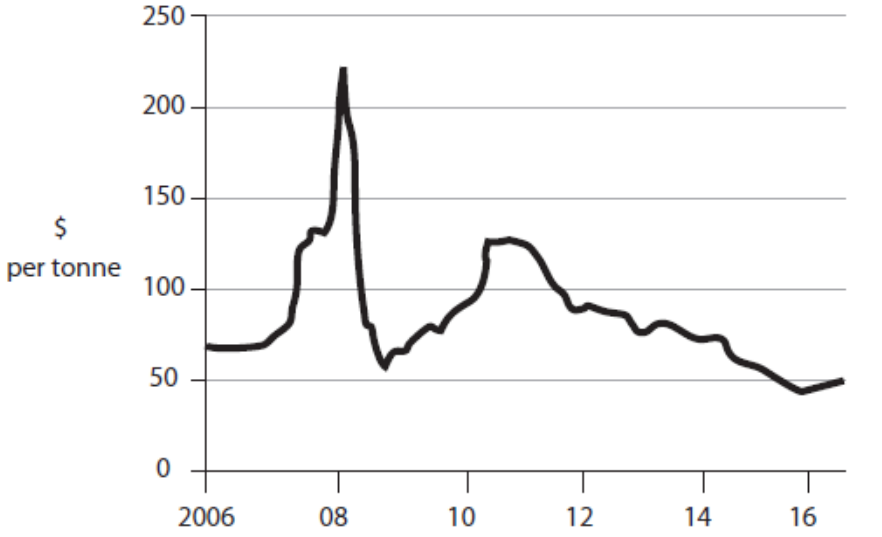
(25)

(Total for question = 50 marks)

Q14.

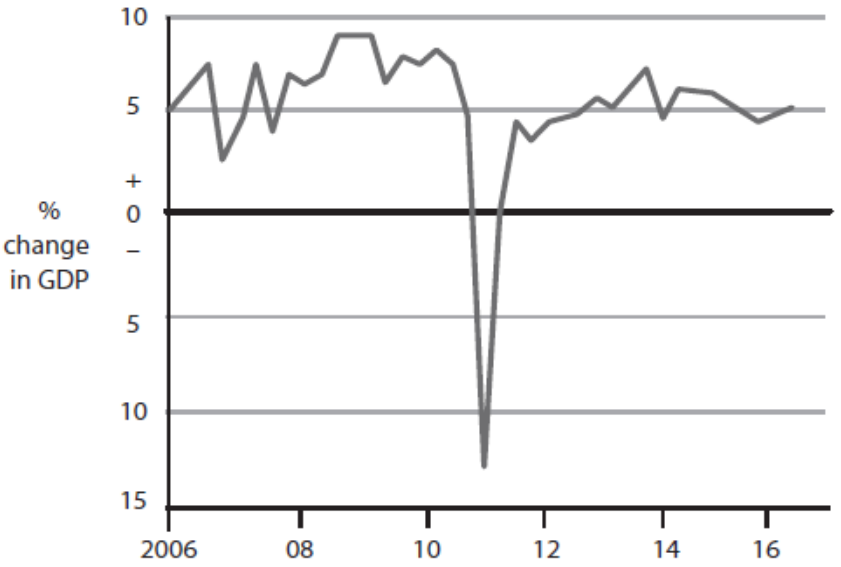
Indonesia

Figure 4: World coal prices, 2006–2016, US dollars per tonne



(Source: http://www.economist.com/news/world-week/21697025-business-week)

Figure 5: Indonesia's real GDP, annual percentage change



(Source: http://www.economist.com/news/world-week/21697025-business-week)

Extract D

Indonesia's economic outlook

The Indonesian economy is expected to grow by an average of 4.8% a year between 2017 and 2021. Joko Widodo, president of Indonesia since 2014, is increasingly confident in his role and now has enough political support to pass some of his desired supply-side reforms. His government has been aggressively trying to improve the business and investment environment by easing regulations and offering tax incentives, for example to firms investing in special economic zones.

Indonesia receives US$2.3 billion a year in overseas development aid, which is mainly spent on education and healthcare. There is also ongoing aid from international institutions and non-government organisations paying for restructuring after the 2004 Indian Ocean earthquake and tsunami, which led to the loss of over 170 000 lives and much damage to economic livelihood. Aid agencies have supported the Indonesian government in providing healthcare free at the point of access for 88 million of the poorest people, free schooling for 12 years for each child, and tertiary education for students accepted into university. There is a scheme to provide each of Indonesia's 15.5 million poorest households with a cash transfer of 200 000 rupiah (US$14.37) a month. The World Bank has approved US$800 million in infrastructure loans to Indonesia, with another US$950 million as conditional loans. The Asian Development Bank has committed itself to lending US$2 billion. In December Japan's development agency lent Indonesia US$535 million to construct two power stations.

(Sources: adapted from http://country.eiu.com/Indonesia and http://www.economist.com/news/special-report/21693404-after-decades-underinvestment-infrastructure-spending-picking-up-last)

Extract E

Indonesia's economic policies as commodity prices collapse

Indonesia is the world's fourth largest exporter of coal and the raw material accounts for 11% of its exports. Its other main exports are crude oil, palm oil, rubber and tin. Its main commodity exports tripled in value between 2000 and 2010, and as exports boomed, so did the economy. But the value of commodity exports has fallen by more than half from its peak. Coal now sells for just US$50 per tonne, against US$125 in 2011.

In the decade to 2014, Indonesia's real GDP grew by an annual average of 6%, but the collapse in commodity prices has slowed the economy. In 2015 growth was 4.8%, the slowest rate since 2009. But compared with many other commodity exporters, Indonesia is getting off lightly.

The value of the rupiah, Indonesia's currency, against the US dollar has fallen by 30% since 2013, but has since stabilised. Other emerging market currencies have depreciated even more steeply over that period. Despite the weak exchange rate, Indonesia's inflation rate has mostly remained within the central bank's target range of 3-5%. The main impact of the rupiah's fall has been to curb imports, helping limit Indonesia's current account deficit to around 2% of GDP despite weaker export earnings. A cautious fiscal policy during the boom years has allowed for a modest fiscal expansion to offset the effects of weak exports and investment. The national debt is just 26% of GDP.

Mr Widodo knows that Indonesia cannot raise its long-term growth rate if the economy remains reliant on coal. It needs a broader range of manufacturing and service industries. If new enterprise is to flourish, Indonesia must support local entrepreneurship. The labour market is inflexible. To start a business takes an average of 47 days, compared with four in Malaysia and two in Singapore. The President's supply-side policies are improving the business climate. The average number of days needed to approve a new power plant has declined from 900 to 200. The government recently revised its "negative investment list" of sectors in which foreign ownership is banned or restricted, fully opening up the rubber, film and restaurant sectors, among others. In 2015 he launched a series of measures to try to reduce government failure, including easing some regulations, streamlining licensing procedures for firms on industrial estates and providing tax incentives to invest in special economic zones.

The government has used savings from cutting fuel subsidies, worth over 4% of GDP, to fund extra capital spending. But the budget deficit still widened to 2.8% of GDP, very close to the legal limit of 3%. If public expenditure is to increase further, the government will need to raise more revenue. That will not be easy. Most workers and employers pay little or no tax. Only 27 million of Indonesia's 255 million people are registered taxpayers, and in 2014 just 900 000 of them paid what they owed, leaving it with a tax revenue to GDP ratio of around 10%. Big companies say that they are being squeezed harder by the tax authorities because they are an easier target.

Infrastructure spending will help bring foreign investment and good jobs to Indonesia as well as encouraging exports. Indonesia's infrastructure problem can be summed up as too few roads and congested ports. In the short term, infrastructure spending puts people to work and boosts demand for raw materials. In the longer term this spending offers the chance to make up for decades of neglect and underinvestment. Indonesia has plans for 65 dams, 16 of which are already under construction. In 2015 work started on the Keureuto Dam, designed to boost agricultural productivity in Aceh. Recently fields were flooded for the massive Jatigede Dam in West Java, after 20 years of delays. Once complete, the dam will irrigate 90 000 hectares of rice paddy, increasing efficiency by giving farmers two harvests a year instead of one.

(Sources: adapted from http://www.economist.com/news/special-report/21693405-secure-growth-it-needs-indonesia-must-resist-its-protectionist-urges-roll-out and http://www.economist.com/news/special-report/21693404-after-decades-underinvestment-infrastructure-spending-picking-up-last)

(a) Using the data in Figure 4 and other information provided, explain the likely change to Indonesia's terms of trade since 2011.

(5)

(b) Examine the likely effects on the profitability of Indonesian rice farmers of the government's increased investment in dams (Extract E, lines 43-48). Use a cost and revenue diagram to

support your answer.

(8)

(c) Discuss the benefits of aid to Indonesia.

(12)

EITHER

(d) With reference to the information provided and your own knowledge, evaluate the microeconomic and macroeconomic effects on Indonesia of the volatility of prices of commodities such as coal.

(25)

OR

(e) Evaluate the likely microeconomic and macroeconomic effects of the supply-side policies recently introduced in Indonesia.

(25)

(Total for question = 50 marks)

Q15.

Mozambique

Figure 2: Interest rates (bank rate of the central bank) and inflation rates of selected African countries, 2017

Selected country	Central bank rate of interest	Inflation rate (CPI measure)
Congo (D.R.)	14%	13.8%
Ghana	21%	9.1%
Kenya	10%	10.1%
Malawi	18%	21.4%
Mozambique	**21.75%**	**18.0%**
Nigeria	14%	21.1%

(Source: official government websites, and other news sources, July 2017)

Extract D

Rising debt levels in Africa

Increases in national debt have brought several African governments towards a debt-servicing crisis when the repayment of debt and interest become unsustainable. Between 2010 and 2015, many sub-Saharan countries raised debt totalling more than £20 billion. Back then, with commodity prices soaring and foreign loans available at very low interest rates, everyone agreed that borrowing was the way to grow an economy with expansionary fiscal policy. Since 2015, some African governments – beneficiaries of big debt write-offs at the start of the century – have taken to private debt markets too eagerly, leaving them with heavy repayment schedules at a time of lower commodity prices.

Until recently, the International Monetary Fund (IMF) has played down African debt concerns, pointing to better management of public resources and greater transparency. But it was shaken by Mozambique's default on more than £2 billion of secret loans used to purchase a non-existent tuna-fishing fleet, raising fears of hidden debt in other African countries with similar levels of corruption. The median level of debt in sub-Saharan Africa had risen sharply from 34% of gross domestic product in 2013 to 48% in 2017. Although that is low by international standards, analysts said debt burdens were heavier than they appeared because of most African countries' low tax base. "The real thing to look for is debt to revenue, or debt-service as a percentage of government spending," said John Ashbourne, Africa Economist at Capital Economics. In several countries, he said, debt payments were above 20% of government revenue, with an opportunity cost in terms of government spending.

(Source: adapted from African debt worries intensify as levels near tipping point by David Pilling © Financial Times 2017 https://www.ft.com/content/939808dc-b4d8-11e7-a398-73d59db9e399)

Extract E

Mozambique's economic stability is being put to the test

The economy of Mozambique, which gained independence from Portugal in 1975, has continued to under-perform. Large-scale emigration, especially of skilled workers, economic dependence on South Africa, a severe drought, a prolonged civil war and political tensions have hindered the country's development. More than half of Mozambique's 26 million people continue to live below the poverty line.

GDP growth declined to 3.6% in 2016 due to fiscal tightening and a slowdown in foreign direct investment. A weak manufacturing sector employs just 3.2% of the population, and is made up of small enterprises (90%), many of which were set up with the aid of microfinance. Traditional export earnings dropped due to depressed global demand. In addition a wide-scale drought seriously affected agricultural production. Foreign currency inflows have weakened – as large-scale gas projects were put on hold, and 14 external lenders suspended direct budget support, as a lesson to be learned from the tuna-fleet scandal. The state budget deficit was 10.7% of GDP in 2017. High interest rates have reduced aggregate demand, and import costs added to inflation following further depreciation of Mozambique's currency, the *metical*, to a new low of 100 meticals to £1.

Mozambique needs urgently to improve its investment environment and confidence in its institutions. The World Economic Forum's global competitiveness ranking placed Mozambique 136 out of 137 countries.

Longer term, Mozambique's economic prospects are promising. There has been progress in talks on restoring international confidence in the government's running of the economy, leading to a lasting and sustainable agreement between rival political groups. The development of gas fields off Mozambique's coast discovered in 2011 is set to transform the economy, coming into production in the 2020s. A rise in coal and electricity exports should help growth to increase. But in the short term, it remains uncertain whether Mozambique can deliver badly needed economic stability.

(Source: adapted from http://www.africaneconomicoutlook.org/en/country-notes/mozambiqua and https://www.chathamhouse.org/expert/comment/mozambique-s-stability-being-put-test 6 October 2017 Dr Alex Vines OBE)

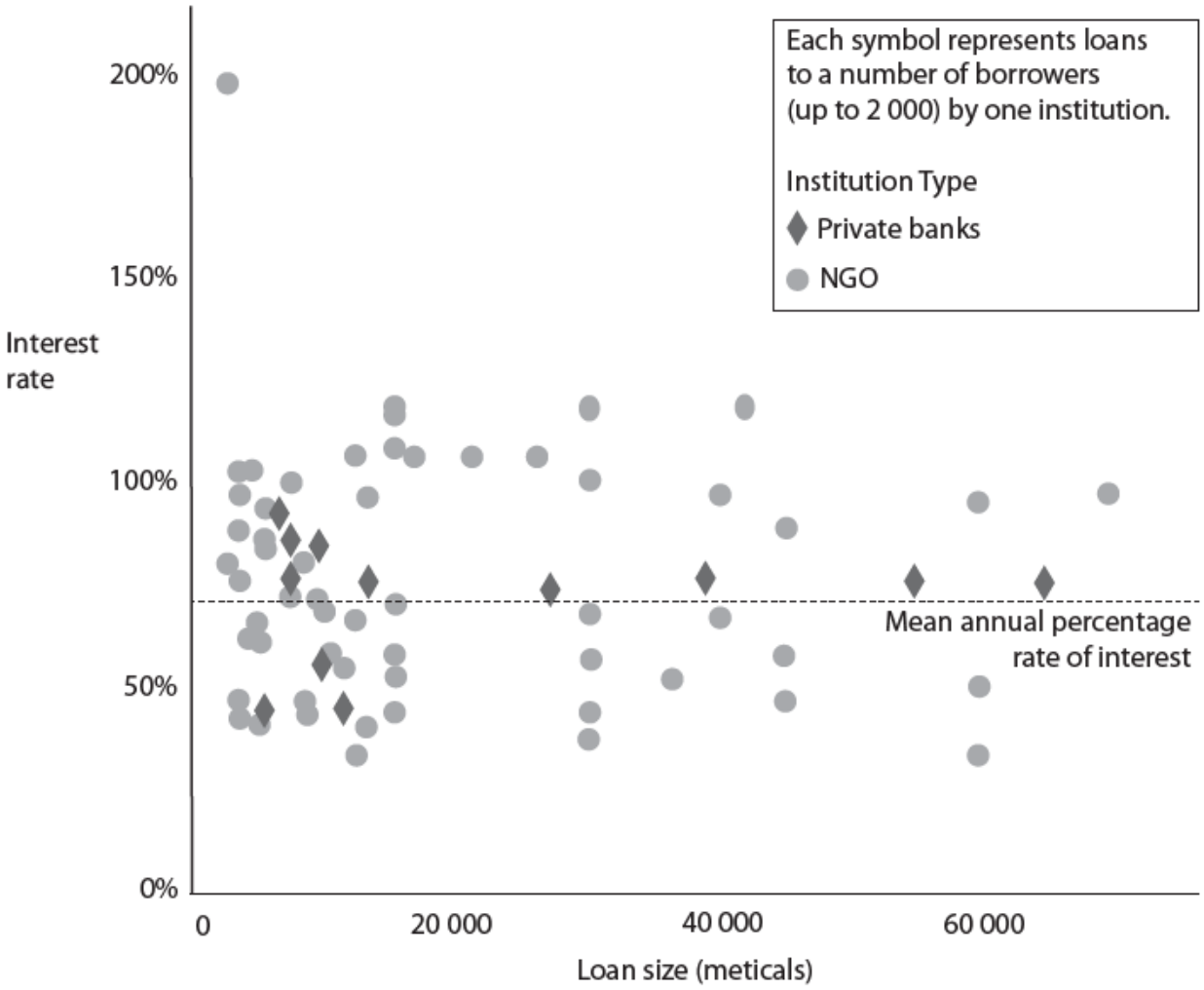
Extract F

Microfinance in Mozambique

Microfinance in Mozambique started in the late 1980s through projects initiated by international relief organisations. The sector has expanded to include many private banks and non-government organisations (NGOs), see Figure 3. This has resulted in wider use (over 100 000 borrowers) and many new business start-ups which could not have gained finance from any other source. Evidence suggests that there is unfulfilled demand for microfinance and a large potential for expansion.

(Source: adapted from http://www.mftransparency.org/microfinance-pricing/mozambique/)

Figure 3: The cost of microfinance loans in Mozambique, 2015



(Source: http://www.mftransparency.org/microfinance-pricing/mozambique/)

(a) With reference to Extract D line 21, explain why 'opportunity cost' is a problem for governments of developing countries when servicing debt.

(5)

(b) Examine **two** reasons, apart from access to finance, why 90% of the manufacturing sector in Mozambique 'is made up of small enterprises' (Extract E, line 9).

(8)

(c) Discuss whether borrowers benefit from microfinance. Make reference to Mozambique in your answer.

(12)

EITHER

(d) Evaluate the microeconomic and macroeconomic factors, apart from access to credit and banking, influencing growth and development in Mozambique.

(25)

OR

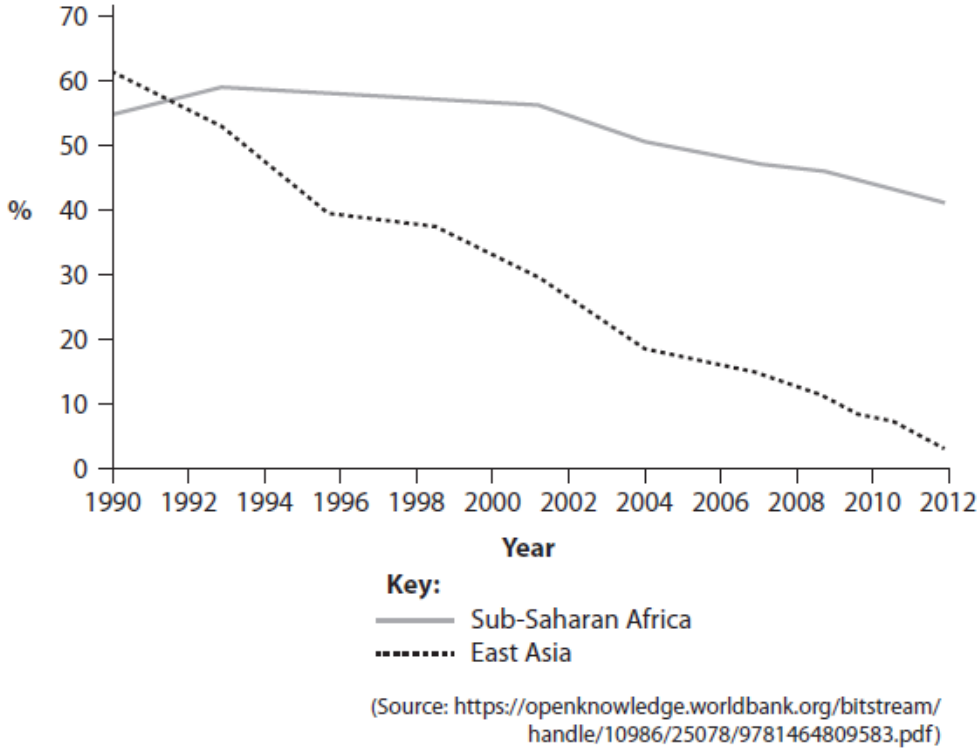
(e) Evaluate the likely microeconomic and macroeconomic effects of relatively high inflation rates in many African countries.

(Total for question = 50 marks)

Q16.

Globalisation and Inequality

Figure 1: Proportion of population in absolute poverty (US$1.90-a-day 2011 PPP)



(Source: https://openknowledge.worldbank.org/bitstream/handle/10986/25078/9781464809583.pdf)

Lessons from globalisation

Extract A

The past 25 years have seen a freeing up of trade. Capital has been free to move around the world. Formerly closed economies in Asia have been opened up and tariffs cut. In emerging economies, a billion people have been taken out of absolute poverty, but relative poverty remains a problem.

In many advanced economies globalisation has come to mean, according to the Governor of the Bank of England, "low wages, insecure employment, stateless corporations and striking inequalities". His solution to these problems is threefold: an acceptance by economists that not everybody has gained from trade and technology; a better mix of monetary policy, fiscal policy and structural reform to boost growth; and more inclusive growth. In essence, this is the same conclusion that was reached in the past when there was a fear that market forces had to be moderated to prevent capitalism from destroying itself.

The good news is that this moderation of capitalism included real policy changes: an extension of the right to vote, the growth of trade unions, the creation of welfare states, a move to more progressive tax policies, nationalisation of key sectors of the economy, and more activist demand management.

The bad news is that this process took about 100 years and was not completed until the end of the Second World War. What's more, protectionism seems to be on the increase as countries seek to protect themselves from inequalities caused by rapid globalisation.

(Source: adapted from https://www.theguardian.com/business/2016/dec/05/mark-carney-globalisation-bank-of-england-capitalism)

Extract B

Tackling inequality

Despite decades of substantial progress in boosting prosperity and reducing absolute poverty, the world continues to suffer from substantial inequalities. For example, the poorest children are four times less likely than the richest children to be enrolled in primary education across developing countries. Among the estimated 780 million illiterate adults worldwide, nearly two-thirds are women. Poor people face higher risks of malnutrition and death in childhood and lower chances of receiving key healthcare. Such inequalities result in high financial costs, limit economic growth, and generate social and political burdens and barriers.

These consequences highlight the importance of directing attention to the problem of inequality. There are other reasons to tackle inequality. Most economies are struggling to recover from the global financial crisis that started in 2008 and the subsequent slowdown in global growth. The goal of eliminating absolute poverty by 2030 might not be achieved without accelerated economic growth or reductions in inequalities within countries, especially in those with large numbers of poor. Generally speaking, poverty can be reduced through higher average growth, a narrowing in inequality, or a combination of the two. Achieving the same poverty reduction during a slowdown in growth therefore requires a more equal income distribution.

Some level of inequality is desirable to maintain an appropriate incentive structure in the economy or simply because inequality also reflects different levels of talent and effort among individuals. However, the substantial inequality observed in the world today offers great scope for reducing the gap between rich and poor. Policies to redistribute income from higher-income and wealthy households to those on lower incomes can be achieved without compromising growth, if done effectively. A trade-off between efficiency and fairness is not inevitable.

(Source: adapted from https://openknowledge.worldbank.org/bitstream/handle/10986/25078/9781464809583.pdf)

(a) With reference to the information provided, explain the distinction between absolute poverty and relative poverty.

(5)

(b) With reference to the information provided and your own knowledge, examine **two** factors that might explain the differing rates of decline in absolute poverty in East Asia and Sub-Saharan Africa.

(8)

(c) With reference to Extract A, discuss **two** macroeconomic policies, apart from protectionism, that a government could use to reduce the negative effects of globalisation.

(12)

(d) Assess the view that 'some level of inequality is desirable to maintain an appropriate incentive structure in the economy' (Extract B, lines 19 and 20).

(10)

(e) Discuss the role of the financial sector in the growth and development of developing countries.

(15)

(Total for question = 50 marks)

Q17.

Use the data to support your answers where relevant. You may annotate and include diagrams in your answers.

Trade and Development Issues in Africa

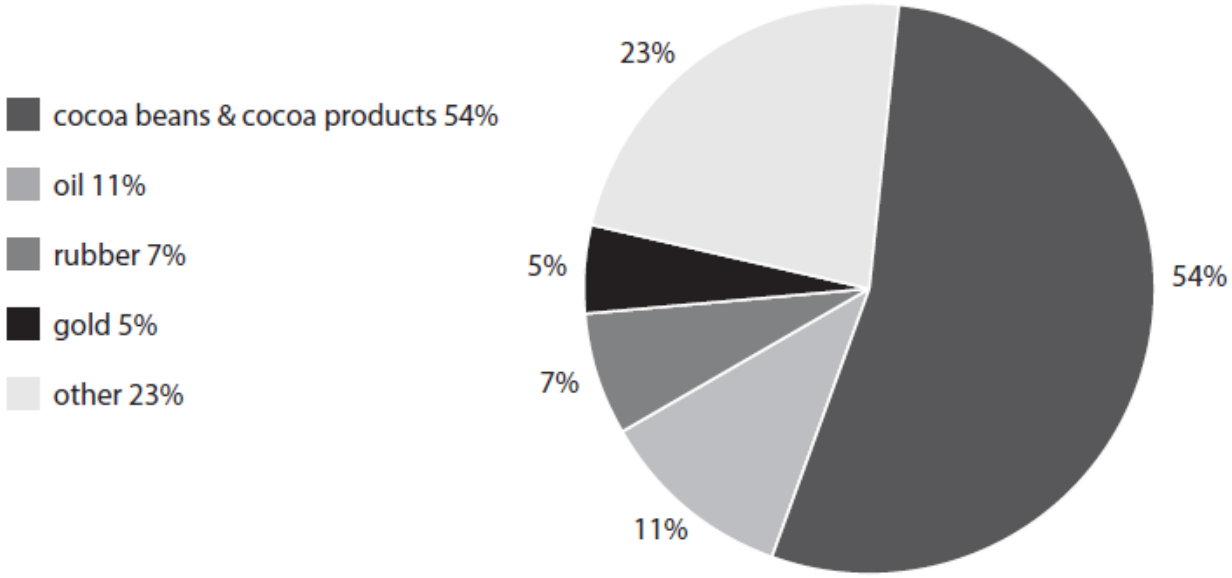
Figure 1: The Fairtrade scheme in the cocoa industry. How the additional revenue is spent by cocoa farmers.



Improving business administration and infrastructure	44%
Investing in farm equipment, training and funding	45%
Supporting social services for the community	10%
Other	1%

(Source: https://www.fairtrade.org.uk/~/media/FairtradeUK/What%20is%20Fairtrade/Documents/Policy%20and%20Research%20documents/Monitoring%20reports/Fairtrade%20Monitoring%20Report_9thEdition%202016.pdf)

Figure 2: Ivory Coast exports – relative share of main products (%), 2016



(Source: https://atlas.media.mit.edu/en/visualize/tree_map/hs92/export/civ/all/show/2016/)

Extract A

Cheap cocoa is costing farmers dear

The median annual income of cocoa farmers in the west African country, Ivory Coast, is just US$2 600. Research suggests that an annual income of US$6 133 is needed for this country's farmers to have a decent, living income. This situation is even worse for farmers who are not part of a Fairtrade scheme.

World cocoa prices fell by more than a third in 2017. Cocoa farmers have to accept all the risk from price volatility, putting a significant strain on their fragile incomes. On the other hand, cocoa processors and chocolate manufacturers are able to adapt or even make high profit and consumers continue to enjoy their chocolate.

This is still happening despite considerable investment in agriculture to build a sustainable cocoa sector. The focus has been on raising productivity and diversifying crops. The average cocoa farm in the Ivory Coast produces only around half of the output that could be achieved with training and resources such as fertilisers, equipment and replanting. If farmers diversify into other crops, livestock or non-farm activities, they lower the risk they face of fluctuating world cocoa prices.

Even tripling farm output would not provide the average cocoa farmer with a living income. Diversification alone will not always make farms more profitable. If we want farmers to earn a living income, we must also be willing to pay farmers more.

(Source adapted from: https://www.fairtrade.org.uk/Media-Centre/Blog/2018/October/Cheap-cocoa-is-costing-farmers-dear)

Extract B

Sub.Saharan Africa is becoming more integrated

After two years of negotiations, representatives of a large number of African countries signed the African Continental Free Trade Agreement (AfCFTA) in Kigali on March 21, 2018. This created a trading bloc of 1.2 billion people with a combined gross domestic product of more than US$2 trillion. The agreement committed countries to removing tariffs on 90% of goods and to liberalise services.

This can be seen as a sign of rapid and steady regional integration. Sub-Saharan Africa in particular is much more integrated today than in the past. The level of integration in sub-Saharan Africa is now similar to that in the world's other developing and emerging market economies.

However, the two largest African economies, Nigeria and South Africa, refused to sign the agreement. Nigeria's manufacturers and trade unions are concerned about the potential negative impacts of becoming more open to imports from other African countries with lower labour costs.

Greater interdependence can expose small economies to their partners' recessions. After nearly 20 years of strong economic activity, sub-Saharan Africa experienced the downside of integration in 2015. The collapse in commodity prices and the slowdown in economic activity in Nigeria and South Africa contributed to sub-Saharan African growth slowing sharply. Since 2017 growth has begun to recover. The recovery is mixed, though, and it is unclear to what extent the slow recovery of the larger economies is still affecting the rest of sub-Saharan Africa.

(Source adapted from: https://www.imf.org/ and https://www.pulse.ng/)

(a) With reference to Figure 1 and Extract A, explain the likely impact of a Fairtrade scheme on agricultural communities.

(5)

(b) Examine two ways, apart from Fairtrade schemes, in which cocoa farmers could boost their

incomes despite the falling price of cocoa.

(8)

(c) Discuss the problems for the Ivory Coast of dependency on cocoa for a large proportion of their exports.

Refer to Figure 2 in your answer.

(12)

(d) Nigeria is considering joining the African Continental Free Trade Agreement. Assess policies the Nigerian government could use in response to the concerns of the country's 'manufacturers and trade unions' (Extract B paragraph 3) if they join this trading bloc.

(10)

(e) Discuss the likely benefits of increased economic integration for sub-Saharan African countries.

(15)

(Total for question = 50 marks)

Q18.

Use the data to support your answers where relevant. You may annotate and include diagrams in your answers.

Answer the question with a cross in the box you think is correct ☒. If you change your mind about an answer, put a line through the box ☒ and then mark your new answer with a cross ☒.

In 2018, the International Monetary Fund (IMF) lent Argentina $57 billion as part of a bailout package to help prevent the country's government defaulting on its debts. This financial crisis also caused significant capital flight out of Argentina's economy.

(Source adapted from: https://www.ft.com/content/737b48bc-c1c9-11e8-95b1-d36dfef1b89a)

(a) Explain the role of the IMF in providing financial assistance to countries such as Argentina.

(4)

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(b) Which **one** of the following is most likely to happen to Argentina's currency value as a result of capital flight, assuming it is operating with a floating exchange rate system?

(1)

☒ **A** Appreciation

☒ **B** Depreciation

☒ **C** Devaluation

☒ **D** Revaluation

(Total for question = 5 marks)