

# Monday 6 June 2022 – Afternoon

## A Level Economics

### H460/02 Macroeconomics

Time allowed: 2 hours

\* 9 0 0 6 4 1 5 6 1 4 3 \*

**You can use:**

- a scientific or graphical calculator



Please write clearly in black ink. **Do not write in the barcodes.**

Centre number

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Candidate number

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First name(s)

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Last name

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**INSTRUCTIONS**

- Use black ink. You can use an HB pencil, but only for graphs and diagrams.
- Write your answer to each question in the space provided. If you need extra space use the lined pages at the end of this booklet. The question numbers must be clearly shown.
- Answer **all** the questions in Section A, **one** question in Section B and **one** question in Section C.

**INFORMATION**

- The total mark for this paper is **80**.
- The marks for each question are shown in brackets [ ].
- Quality of extended response will be assessed in questions marked with an asterisk (\*).
- This document has **16** pages.

**ADVICE**

- Read each question carefully before you start your answer.

**SECTION A**

Read the following stimulus material and answer **all** parts of Question 1 which follow in this section.

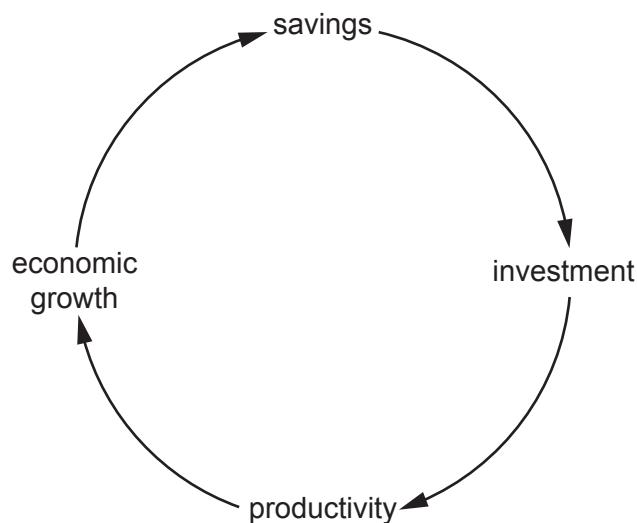
**Does rising national debt matter?**

At the start of 2020, there were reasons to think there was both a greater need for government borrowing and a reduced concern about rising national debt. There had been a slowdown on the growth of aggregate demand. Although interest rates were low, private sector investment was not making full use of available savings. Fig. 1 shows a virtuous circle between savings and economic growth.

5

**Fig. 1**

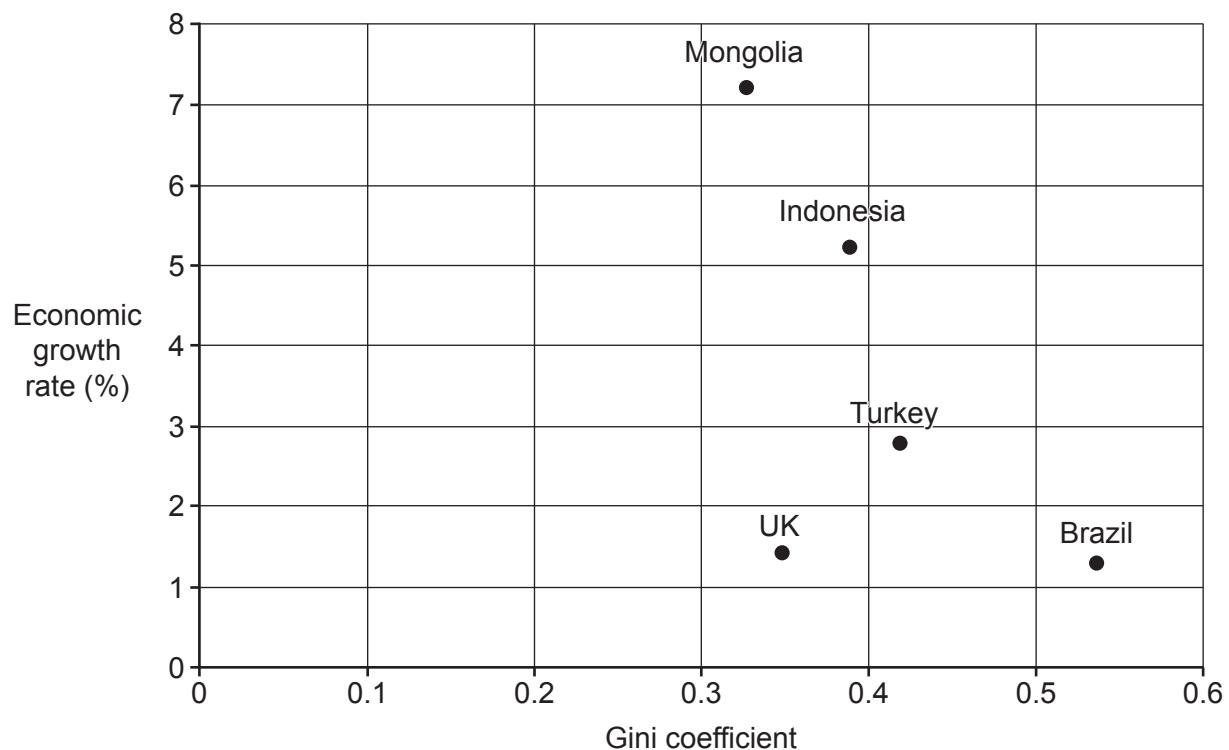
A virtuous circle



However, more savings, if not used for investment, can slow down economic growth. One cause of an increase in savings can be greater income inequality. Fig. 2 shows the Gini coefficient and economic growth rates for selected countries.

**Fig. 2**

The Gini coefficient and economic growth rate for selected countries 2018

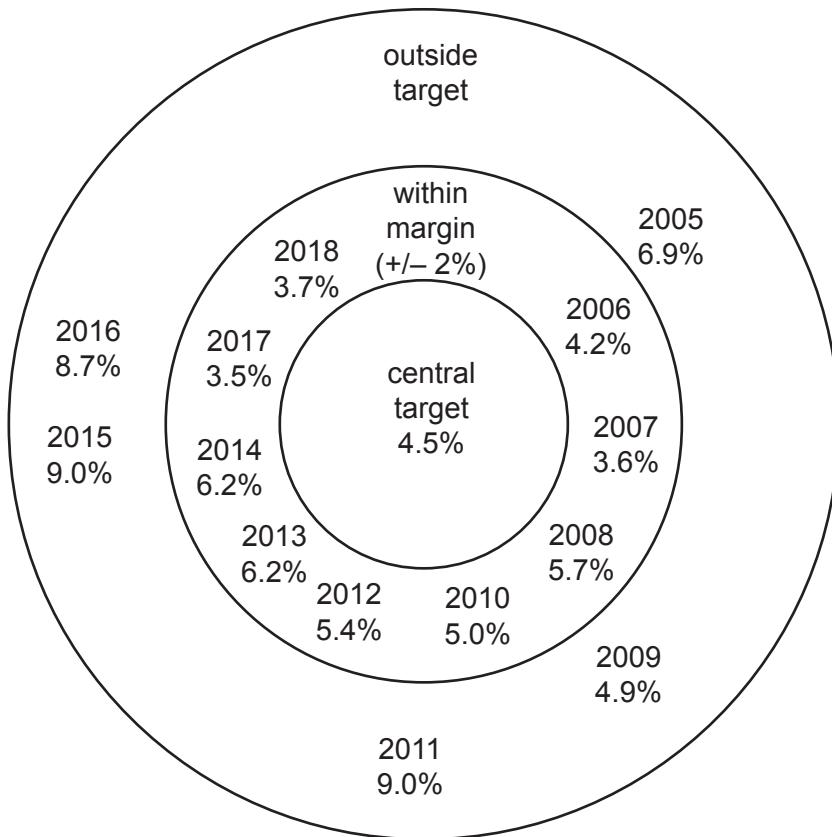


The slowdown in aggregate demand in the UK kept the country's inflation rate low. Between 10 January 2019 and January 2020, the Consumer Prices Index increased from 106.3 to 108.2. If a central bank can convince households, workers and firms that inflation will be at a low and stable rate, it can affect expectations and investment in a beneficial way. One way of doing this is by setting an inflation rate target. Of course, trying to achieve an inflation rate target can be affected by adverse demand-side and supply-side shocks. If the target is not met, it can also cause 15 households, workers, and firms to question the central bank's ability to control inflation.

Some governments change their inflation rate target. For example, the Brazilian government between 2005 and 2018 had kept the inflation rate target fixed at 4.5% with a margin of plus or minus 2%. In 2019 however, the target was changed to 4.25% and in 2021 it was set at 3.75%. In both years the margins were set at plus or minus 1.5%. Fig. 3 shows Brazil's inflation rate 20 performance in terms of its target rate over the period 2005–2018.

**Fig. 3**

Brazil's performance in meeting its inflation rate target



The UK's low inflation rate at the start of 2020 was combined with a low economic growth rate. The economy was experiencing a negative output gap. There was the possibility that higher government spending, financed by borrowing, could increase economic growth. Higher government borrowing, however, increases the national debt, at least in the short run. In January 25 2020, the UK's national debt was 72% of GDP. An increase in government debt also runs the risk of increasing the inflation rate. This is influenced by, among other factors, who the government borrows from. There is the possibility that higher government debt may make it more difficult to attract lenders who are willing to buy the debt. Japan, however, which had a much higher national debt of 230% of GDP at this date, was not having any difficulty selling its debt.

1 (a) Using information from the stimulus material, identify **two** reasons why crowding out may **not** occur.

1 .....

.....

(b) Using Fig. 1, explain how savings can promote economic growth.

.....  
.....  
.....

(c) Using Fig. 2, explain the relationship between the Gini coefficient and economic growth rate

(d) Using information from the stimulus material, calculate the UK's 12 month inflation rate in January 2020.

[2]

(e) Using information from the stimulus material, evaluate whether setting an inflation rate target is likely to result in low and stable inflation.

[8]

(f) Using information from the stimulus material, evaluate whether an increase in national debt will harm an economy. [12]



## SECTION B

Answer **EITHER** Question 2 OR Question 3.

## EITHER

**2\*** Poland's unemployment rate fell from 10.3% in 2013 to 3.3% in 2019 while its inflation rate rose from 0.9% to 2.3% over this period.

Evaluate, with the use of an appropriate diagram(s), whether the Phillips curve is useful for economic policy makers.

[25]

OR

3\* In 2020, several governments were considering cutting taxes to get their countries out of recession.

Evaluate, with the use of an appropriate diagram(s), whether a cut in tax rates will end a recession.

[25]

Question No. ....





## SECTION C

Answer **EITHER** Question 4 OR Question 5.

**EITHER**

4\* In some recent years, Mongolia has experienced high rates of economic growth. In 2019, its government adopted a long term development strategy known as Mongolia's Sustainable Development Vision 2030.

Evaluate whether a country with a high economic growth rate can achieve sustainable development.

[25]

OR

5\* In recent years there has been a rise in protectionism. For example, the US Trump administration argued that higher tariffs on Chinese imports would reduce US unemployment.

Evaluate whether protectionism always reduces unemployment.

[25]

Question No. ....



**END OF QUESTION PAPER**

**ADDITIONAL ANSWER SPACE**

If additional space is required, you should use the following lined page(s). The question number(s) must be clearly shown in the margin(s).



The page features a vertical line on the left side, with a series of horizontal dotted lines extending from it to the right. There are 21 such lines, providing a space for handwriting practice. The lines are evenly spaced and extend across the width of the page.





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