

10.3 Effectiveness of policy options to meet all macroeconomic objectives

Name: _____ Class: _____ Date: _____

Total: 24 marks

KEY WORDS laffer curve 拉弗曲线 • crowding out 挤出效应 • time lags 时滞
 • tax revenue 税收收入 • effectiveness of policy options 政策有效性

Objective

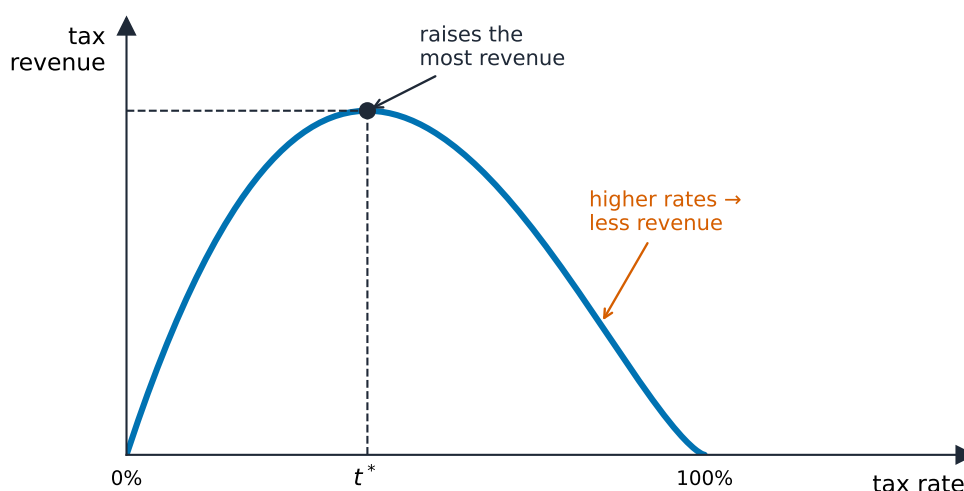
Build the skills to answer exam questions on the **effectiveness of policy options** 政策有效性 — the strengths and weaknesses of **fiscal, monetary and supply-side** policy, including **crowding out** 挤出效应 and the **Laffer curve** 拉弗曲线.

You must be able to:

- explain the strengths and weaknesses of each policy
- explain crowding out and the Laffer curve
- evaluate the best policy mix to meet objectives

1 Worked examples

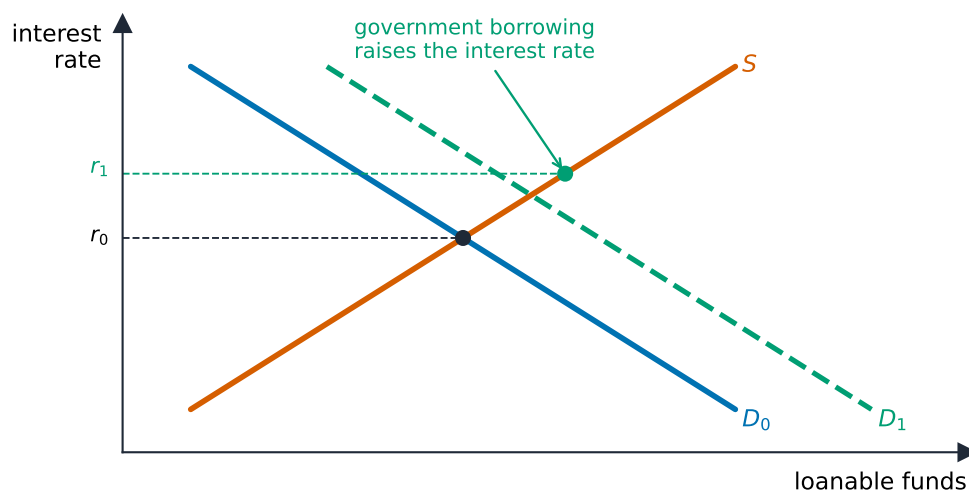
■ The Laffer curve



peak revenue at t^* • beyond t^* : rate $\uparrow$ revenue $\downarrow$

*Revenue is zero at 0% and 100%; going above t lowers revenue**

- **Fiscal policy:** powerful and targeted, but has **time lags** 时滞, raises **national debt** 国债, and risks **crowding out** 挤出效应.
- **Monetary policy:** flexible, but works with a lag and is weak in a deep slump.



govt borrow $\Rightarrow r \uparrow \Rightarrow$ private $I \downarrow$

A key limit on fiscal policy: crowding out private investment

- **Supply-side policy:** raises growth *and* lowers inflation, but is slow and costly.
- **Laffer curve** 拉弗曲线: above the revenue-maximising rate t^* , higher tax rates *cut* revenue.

Answer shapes: an **Explain** [up to 8] answer may use a diagram (AO3); **Discuss** [12] adds a judgement (AO4).

2 Practice

2.1 Define the term *crowding out*.

[2]

2.2 State what the **Laffer curve** shows.

[2]

2.3 State one weakness of monetary policy.

[1]

3 Exam-style questions

3.1 According to the Laffer curve, raising the tax rate **above** the revenue-maximising rate will: [1]

- | | |
|---|---|
| A | B |
| C | D |
- A** always raise tax revenue
 - B** lower tax revenue
 - C** leave tax revenue unchanged
 - D** raise the money supply

3.2 Explain how heavy government borrowing can crowd out private investment. [6]

[12]