

# 4.2 Macroeconomic policies

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_ **Total: 24 marks**

**KEY WORDS**    fiscal policy                      • monetary policy                      • quantitative easing

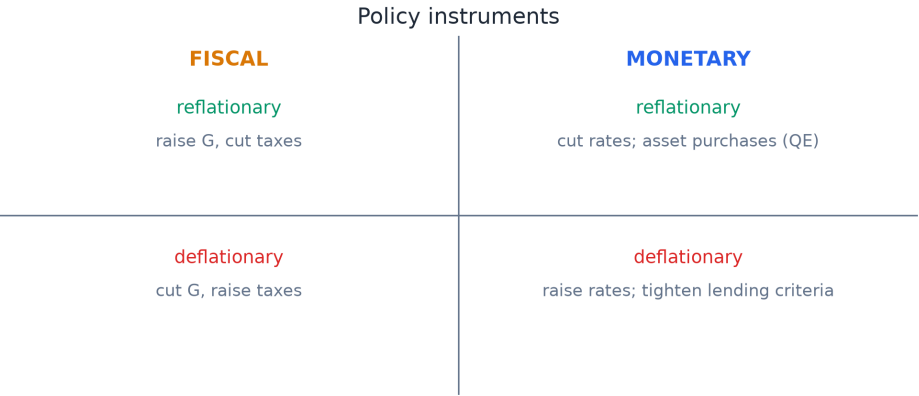
## Macroeconomic policies

### Objective

Distinguish fiscal from monetary and reflationary from deflationary policy, apply the supply-side instrument lists, and evaluate the policy families with the central bank’s roles (spec 2.3.6, rows 3–4).

### 1 Key knowledge and worked examples

**Policies.** Supply-side shifts LRAS right: free market (deregulation, privatisation, tax cuts, welfare reform, bureaucracy cuts) or interventionist (education and skills, investment incentives, infrastructure, start-up finance, regional policy). Fiscal uses G and T; monetary uses interest rates, QE, lending criteria and reserve ratios. The central bank implements policy, targets inflation, banks the government and is lender of last resort.



*Original schematic; the four quadrants organise the instrument lists.*

## 2 Practice

**2.1** Distinguish fiscal policy from monetary policy. [2]

**2.2** Classify each as reflationary or deflationary: (a) a rise in income tax; (b) an open-market asset purchase by the central bank. [2]

**2.3** Name any three free-market supply-side instruments. [2]

**2.4** Name any three interventionist supply-side instruments. [2]

**2.5** (*SAM WEC12/01 Q10, adapted.*) Define quantitative easing in one sentence. [2]

**2.6** State the central bank’s four roles. [2]

## 3 Exam-style questions

**3.1** (*Original.*) With AD:  $P = 90 - Y/2$  and LRAS vertical at  $Y = 85$ , a reflationary fiscal expansion shifts AD up by 10. Explain the likely effect on output and the price level, and why the outcome differs with spare capacity. [4]

**3.2** (*Original.*) A supply-side programme shifts LRAS from 85 to 105. Using the model, find both equilibria and evaluate one strength and one weakness of interventionist supply-side policy. [4]

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**3.3** (*Original.*) Explain how a cut in the base rate from 6.5% to 6.25% (SAM Extract B, India) is expected to affect aggregate demand. [4]

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## Solutions

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**2.1** Fiscal policy uses government spending and taxation (set by the government); monetary policy uses interest rates, asset purchases, lending criteria and reserve requirements (implemented by the central bank).

**2.2** (a) Deflationary – higher withdrawals cut AD. (b) Reflationary – QE injects money and lowers yields, stimulating borrowing and spending.

**2.3** Any three of: deregulation of product and labour markets; privatisation; reduction in taxation; changing welfare payment levels; cutting bureaucracy costs for firms.

**2.4** Any three of: education, training and skills investment; investment tax incentives or subsidies; infrastructure investment; finance for start-ups; regional policy.

**2.5** The central bank's purchase of government or corporate bonds, increasing the money supply and the availability of loans.

**2.6** Implementing monetary policy; pursuing the inflation target; banker to the government; banker to the banks – lender of last resort.

**3.1** With LRAS vertical at 85, output cannot rise: the price level alone rises from  $90 - 85/2 = 47.5$  to  $100 - 85/2 = 57.5$  – pure inflation. With spare capacity (Keynesian range), the same shift raises real output with little price rise until capacity binds. The conclusion: demand-side policy's effect depends on the economy's position relative to capacity.

**3.2** E1: AD  $P = 90 - Y/2$  at  $Y = 85$  gives  $P = 47.5$ . E2: LRAS at 105 gives  $P = 90 - 105/2 = 37.5$  – output up 20, price level down 10: growth AND disinflation together. Strength of interventionist policy: infrastructure or skills fix real capacity constraints, permanently raising LRAS. Weakness: slow, costly, and information gaps mean projects can misfire (government failure).

**3.3** A lower base rate cuts the cost of borrowing: consumer credit and mortgages cheaper → consumption rises; investment projects clear the hurdle rate → I rises. Both shift AD right, raising output and (towards capacity) prices. Caveats: transmission depends on banks passing the cut on (lending criteria), business confidence, and the 25-point cut's small size.

Local review guidance: the two price levels computed before the conclusion; instrument names exactly from the specification lists; (R1 3.2) the strength/weakness pair weighs time horizon and information gaps. This is authored classroom guidance.