

## 5.3 Population

Name: \_\_\_\_\_ Class: \_\_\_\_\_ Date: \_\_\_\_\_

**Total: 17 marks**

**KEY WORDS** population 人口 • migration 移民 • birth rate 出生率 • immigration 迁入  
• death rate 死亡率

### Objective

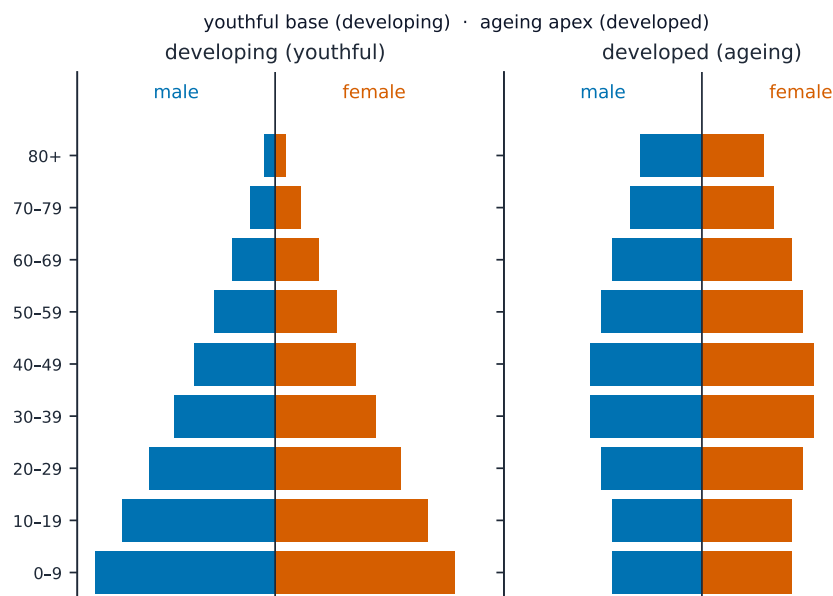
Build the skills to answer exam questions on **population** 人口 — **birth and death rates** 出生率与死亡率, **migration** 移民, **population structure** 人口结构, and an **ageing population** 人口老龄化.

**You must be able to:**

- explain what changes a country's population size
- read a population pyramid
- analyse the effects of an ageing population

### 1 Worked examples

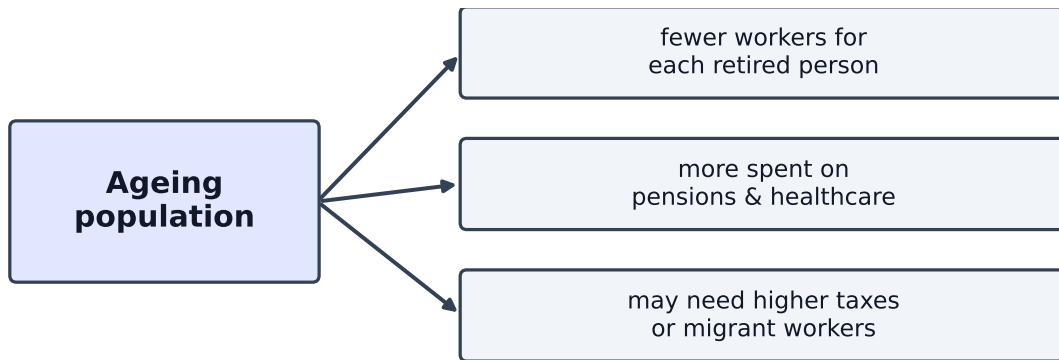
#### ■ Population change and structure



*Population grows when  $\text{births} + \text{immigration} > \text{deaths} + \text{emigration}$*

- **Birth rate** 出生率 / **death rate** 死亡率: births/deaths per 1000 people per year.

- **Migration** 移民: **immigration** 迁入 (in) and **emigration** 迁出 (out); **net migration** 净移民 = in – out.
- **Ageing population** 人口老龄化: people live longer and have fewer children → more retired people per worker, higher pension and healthcare costs.



Exam: ageing raises dependency ratio — pressure on pensions, healthcare, and tax base

*An ageing population: the worker-to-retiree ratio falls, raising pension and healthcare costs*

**Answer shapes:** K + App + An + Ev (a justified judgement, for discuss questions).

## 2 Practice

**2.1** Define the term *birth rate*. [2]

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**2.2** State when a country's population grows. [2]

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**2.3** Define the term *net migration*. [2]

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### 3 Exam-style questions

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**3.1** A country's population will rise if: [1]

|   |   |
|---|---|
| A | B |
| C | D |

- A** the death rate is higher than the birth rate
- B** births plus immigration exceed deaths plus emigration
- C** emigration is higher than immigration
- D** the birth rate falls

**3.2** Explain two reasons why a country might have an ageing population. [4]

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**3.3** Analyse the effects of an ageing population on a country's economy. [6]

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