

6.5 The Internal Structure of Cities

Name: _____ Class: _____ Date: _____ **Total: 10 marks**

KEY WORDS concentric zone model 同心圆模型 • sector model 扇形模型
• multiple nuclei model 多核心模型 • central business district (cbd) 中央商务区
• urban models 城市模型

Objective

Build the skills to answer exam questions on **urban models** 城市模型 of internal structure.

You must be able to:

- describe the **concentric zone model** 同心圆模型
- describe the **sector model** 扇形模型
- describe the **multiple nuclei model** 多核心模型
- match a city description to a model

1 Worked examples

Study these first. Each one shows the method for a task used later.

■ Concentric zone model

The **concentric zone model** has rings around a central business district (CBD): a transition zone, then working-class, better housing, and commuter rings outward.

■ Sector model

The **sector model** shows land use in wedges radiating from the CBD along transport routes, so similar uses line up in strips.

■ Multiple nuclei model

The **multiple nuclei model** has several centres (nodes), not just one CBD — an airport, a university, an industrial park each anchor their own district.

2 Practice

2.1 Describe the concentric zone model. [2]

2.2 State how the sector model differs from the concentric zone model. [2]

2.3 A city has grown around several separate centres — a port, an airport, and a university district.

(a) Which model fits best? [1]

(b) Explain why. [1]

3 Exam-style questions

3.1 A model showing land use as wedges radiating out along transport lines is the [1]

- | | |
|---|---|
| A | B |
| C | D |
- A** concentric zone model
B sector model
C multiple nuclei model
D gravity model

3.2 The concentric zone model is organized around a single [1]

- | | |
|---|---|
| A | B |
| C | D |
- A** airport
B central business district
C greenbelt
D relict boundary

3.3 A modern city has many edge nodes rather than one dominant centre.

(a) Name the model that best describes it. [1]

(b) State one strength of this model over the concentric model. [1]
