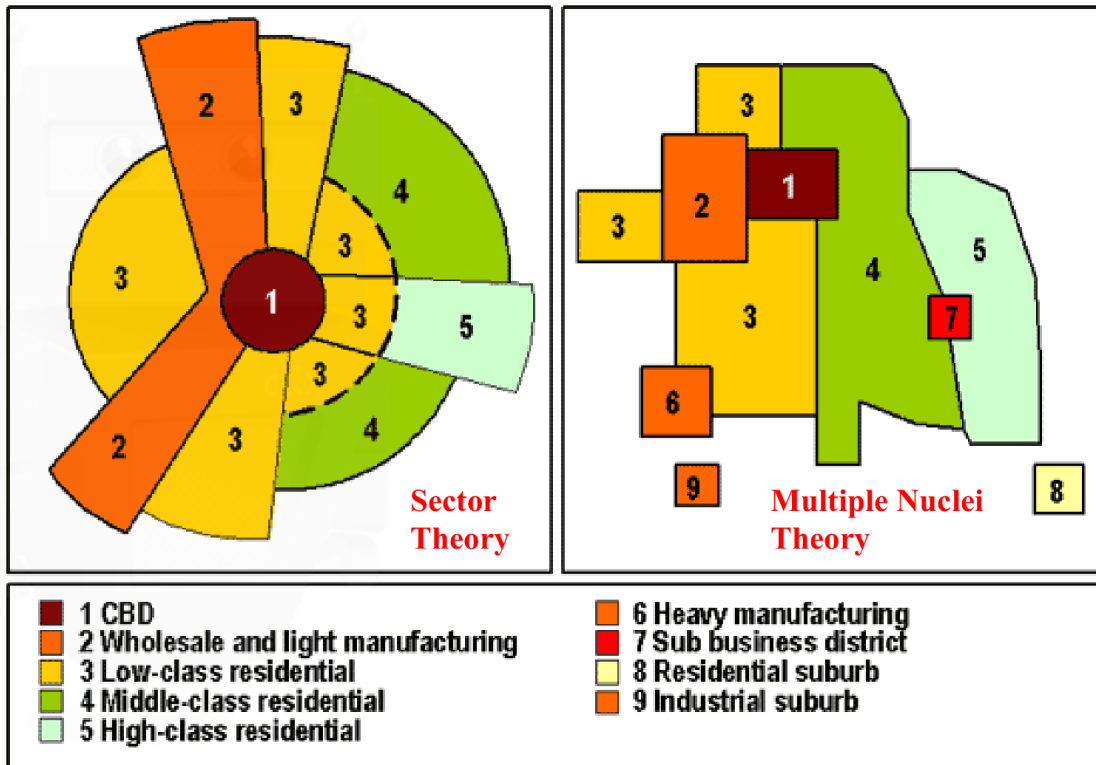


1



Examine the relevance of **one** of the above land use models as it applies to land use zones in a city that you have studied.

[30m]

2

10B. Dynamics of Settlement

Examine Central Place Theory with reference to example(s) that you have studied.

[30m]

3

11B. Urban Land-Use

Examine how the location of **two** of the following land-uses has changed in an Irish city that you have studied:

- Industrial land-use
- Residential land-use
- Commercial land-use.

[30m]

 **12C. Urban Problems**

Discuss the problems that can arise from the growth of cities in the developing world.

[30m]

 **10B. Urban Planning**

Examine the effectiveness of urban planning strategies in solving **two** of the following urban problems, with reference to any urban area(s) that you have studied:

- Housing
- Transport
- Pollution.

[30m]

 **11B. Settlement Distribution**

Examine the 1:50 000 Ordnance Survey map of Sligo accompanying this paper. Using evidence from the map, account for variations in settlement distribution in the area shown on the map.

[30m]

 **11C. Future Urbanism**

Discuss **two** issues facing cities of the future in the developed world.

[30m]

## 12A. Urbanisation

Urban Population Statistics in Selected Regions

Region	Number of people living in urban areas (in thousands)			% of total population living in urban areas		
	1990	2014	2050	1990	2014	2050
World	2 285 031	3 880 128	6 338 611	45	54	66
North America	212 935	291 860	390 070	75	81	87
Sub-Saharan Africa	132 971	345 617	1 136 822	27	37	55
Europe	505 991	545 382	581 113	70	73	82
Ireland	2 009	2 944	4 474	57	63	75

Amended from World Urbanisation Prospects, Highlights, 2014 Revisions, United Nations

Examine the table above showing the number of people living in urban areas and the percentage of the total population living in urban areas in selected regions.

Answer each of the following questions.

- (i) Which **two** regions will have the greatest percentage of their total population living in urban areas by 2050?
- (ii) Calculate the percentage change in the number of people living in urban areas in Ireland between 2014 and 2050.
- (iii) Explain briefly **one** reason for this change in the number of people living in urban areas in Ireland.
- (iv) According to the table, the number of people living in urban areas in Sub-Saharan Africa will increase significantly by 2050.

Explain briefly **two** potential problems resulting from this increase.

[20m]

## C. Urban Issues

Discuss any **two** of the following issues that may arise from the growth of urban settlements:

- Heritage issues
- Planning issues
- Environmental issues.

[30m]

## B. Urban Land Use

Describe and explain the land-use zones in any city that you have studied.

[30m]

11

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**C. Urban settlement**

Answer the following question using evidence from the aerial photograph **OR** from the 1:50 000 Ordnance Survey map and legend to support your answer. Do not refer to both in your answer.

Explain **three** reasons why the town of Macroon developed at its present location.

[30m]

12

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**B. Urban Functions**

Name, locate (using accepted notation) and explain **three** different urban functions evident on the aerial photograph of Westport accompanying this paper.

[30m]

13

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**B. Central Place Theory**

Describe and explain Central Place Theory with reference to example(s) that you have studied.

[30m]

14

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**B. Urban Problems**

Discuss how the growth of urban centres can lead to any **two** of the following problems, with reference to example(s) that you have studied:

- Traffic congestion
- Urban decay
- Urban sprawl.

[30m]

15

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**B. Urban Planning**

Examine the impact of urban planning strategies with reference to example(s) that you have studied.

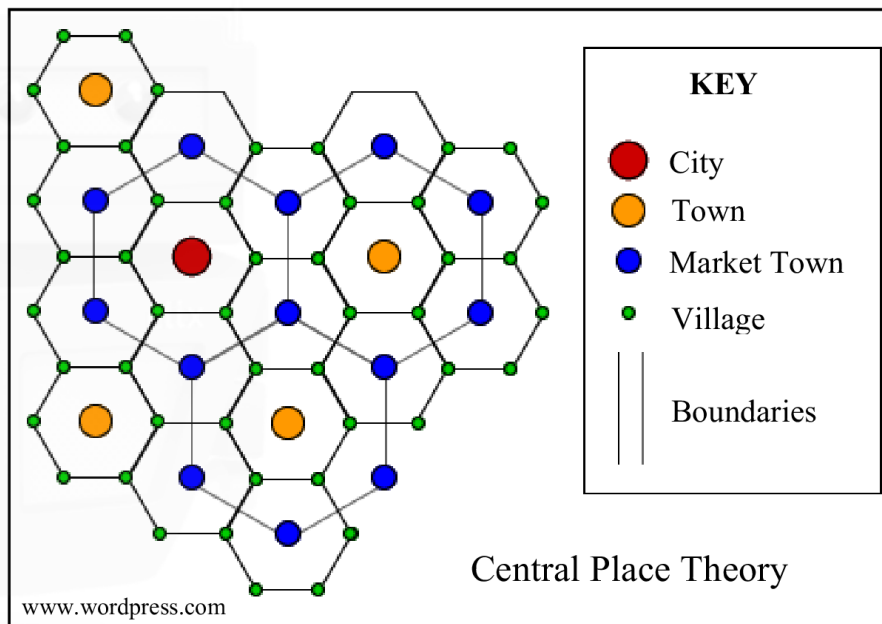
[30m]

## B. Changing Urban Functions

Examine how the functions of urban centres can change over time, with reference to Irish example(s).

[30m]

## C. Central Place Theory



Explain the importance of hierarchy and hinterland in Central Place Theory.

[30m]

## B. Urban Functions

Study the aerial photograph accompanying this paper.

Examine any **three** different functions of Carrick-on-Shannon, using evidence from the aerial photograph to support your answer.

[30m]

## C. Changing Land-Use Patterns

Describe and explain the changing land-use patterns in an urban area that you have studied.

20

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**C. Dynamics of Settlement**

Describe and explain the land-use zones in **any** city that you have studied.

21

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**B. Urban Problems**

- (i) Explain the term 'traffic congestion'.
- (ii) Explain **two** methods used to overcome traffic congestion. Use examples you have studied in your answer.

[30m]

22

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**C. Central Place**

Examine the Ordnance Survey map and aerial photograph accompanying this paper. Using evidence from the Ordnance Survey map **and** aerial photograph, show that Carrick-on-Suir performs the function of a Central Place or market centre for the surrounding hinterland.

[30m]

23

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**B. PROBLEMS IN CITIES**

With reference to **one** example you have studied, examine the effectiveness of urban planning strategies in dealing with urban problems.

[30m]

24

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Examine the aerial photograph of Drogheda that accompanies this paper. Examine any **three** functions of the town, using evidence from the photograph to support your answer.

[30m]

25

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The area shown on the Ordnance Survey map that accompanies this paper, shows evidence of a wide range of **historic settlement**.

Examine this statement using map evidence, with reference to any **three** different aspects of historic settlement.

[30m]

Cities are places of opportunity but also have problems.

Examine this statement, with reference to a city or cities of your choice.

[30m]

Examine the aerial photograph that accompanies this paper.

Draw a sketch map **half the length and half the breadth** of the photograph. On it show and name any **three** different land-use zones within the town.

[20m]

