Therapy Pack

Edexcel A GCSE Geography

Paper 2

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Changing Cities

**Urbanisation is a global process.**

More than half of the world’s population now lives in towns and cities rather than the countryside as a result of urbanisation. Since 1950, urbanisation has occurred at different rates and in different ways in developed, emerging, and developing countries. Africa and Asia are presently seeing the greatest increase.

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| --- | --- | --- |
| Urban | 1950  Developed countries | Today: |

In emerging and developing countries, recent rapid urbanisation has been caused by rural to urban migration which is when people move from rural areas for a better quality of life. Emerging and developing countries have seen natural increase which birth rates in the countries are higher than death rates caused by improvements in healthcare, resulting in cities growing.

In developed countries, the main cause of urbanisation is industrialisation. In the UK in the 1800s and 1900s, the mechanisation of farming and the rise of factories meant that people moved from rural areas to cities – this is when farming machinery replaced the need for as many workers on farms.

Urbanisation has a variety of impacts including:

|  |  |
| --- | --- |
| Positive impact | Increases in investment from companies (TNCs) and governments (both local, national and internation via FDI) in the city as more people move there |
| Negative impact | Increased air, noise, and water pollution |
| Negative impact | In developing countries, spontaneous, unplanned settlements often develop and lacks water, waste and energy supplies. |
| Negative impact | In developing and emerging economies, the gap between the rich and poor often widens. |

The causes and effects of urbanisation can vary between countries at different levels of development.

Study Figure 1b in the Resource Booklet.

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Compare the changes in the urban populations of Asia and North America between 1950 and 2020.

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**Results Plus: Examiner Comments**

Both counties have increased (1) idea that Asia has had the greater increase (1) use of data from both continents (1) = 3 marks

**Results Plus: Examiner Tip**

The command word 'compare' has a different requirement to 'describe', for example data from both continents is needed for the 'data mark'.

Urbanisation is a process that has occurred at different rates around the world.

Define the term **urbanisation**.

**(1)**

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The causes and effects of urbanisation can vary between countries at different levels of development.

(i)  Define the term urbanisation.

**(1)**

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(ii)  State **one** global trend in urbanisation over the past 50 years.

**(1)**

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The rate and degree of urbanisation varies across the UK.

A map of united kingdom with green dots

Description automatically generatedStudy Figure 1a in the Resource Booklet.

(i)  Identify the region with the largest increase in urban population between 1981 and 2013.

**(1)**

   **A**    North-east England

   **B**    Wales

   **C**    South-east England

   **D**    Northern Ireland

(ii)  Identify the city which had the smallest increase in its population between 1981 and 2013.

**(1)**

   **A**    Belfast

   **B**    Newcastle

   **C**    Norwich

   **D**    Swansea

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**Results Plus: Examiner Comments**

Better job opportunities (1) and better sources of education (1) = 2 marks.

**Results Plus: Examiner Tip**

Be able to define a wide range of key geographical terms; in this question, there was some evidence that candidates didn't know what 'urbanisation' meant.

(iii)  Suggest **one** reason for variations in the rate of urbanisation shown in Figure 1a.

**(2)**

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Urbanisation is a process that has occurred at different rates around the world.

Study Figure 1a in the Resource Booklet.

(i)  Identify the increase in total urban population between 1975 and 2015.

A table with numbers and a few figures

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(ii)  Calculate Africa's total population in 2015.

You must show your working in the space below.

**(2)**

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(iii)  Line graphs are often used to show population change over time.

 Describe **one** other method that could be used to present the changing 'percentage (%) of Africa's total population' data shown in Figure 1a.

**(2)**

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(iv)  Suggest **two** reasons for the growth in urbanisation shown in Figure 1a.

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Study Figure 1a in the Resource Booklet.

A graph with lines and numbers

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(i)  Identify the country that had the largest increase in percentage urban population between 1970 and 1985

**(1)**

   **A**    Albania

   **B**    Ecuador

   **C**    Libya

   **D**    Mongolia

(ii)  Identify Mongolia's percentage urban population in 2010.

**(1)**

   **A**    51%

   **B**    62%

   **C**    69%

   **D**    78%

(iii)  State **two** possible reasons for the overall trend in urbanisation shown in Figure 1a.

**(2)**

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Study Figure 1a in the Resource Booklet.

A map of the world with different colored countries/regions

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(i)  Identify the percentage (%) of Australia's total population living in urban areas.

**(1)**

   **A**    Between 10% and 20%

   **B**    Between 20% and 30%

   **C**    Between 30% and 40%

   **D**    Between 80% and 90%

(ii)  Name the country labelled on Figure 1a that has between 50% and 60% of its total population living in urban areas.

**(1)**

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**Examiner Comments**

Some people cannot afford to live in urban areas (1).

(iii)  Explain **one** reason why some countries have low percentages (%) of their population living in urban areas.

**(2)**

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**Examiner Comments**

Less developed (1) idea that farming is still an important source of income (1).

**Examiner tip**

Reasons can be 'human' (like the one here) or 'physical' (e.g. the terrain might not support large urban developments).

Study Figure 1a in the Resource Booklet.

A map of europe with different colored areas

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Identify the country with the most urban areas.

**(1)**

   **A**    Germany

   **B**    Portugal

   **C**    Republic of Ireland

   **D**    Sweden

The character of major cities in developing and emerging countries is influenced by their fast rate of population increase.

Explain **two** reasons why urbanisation occurs at different rates around the world.

**(4)**

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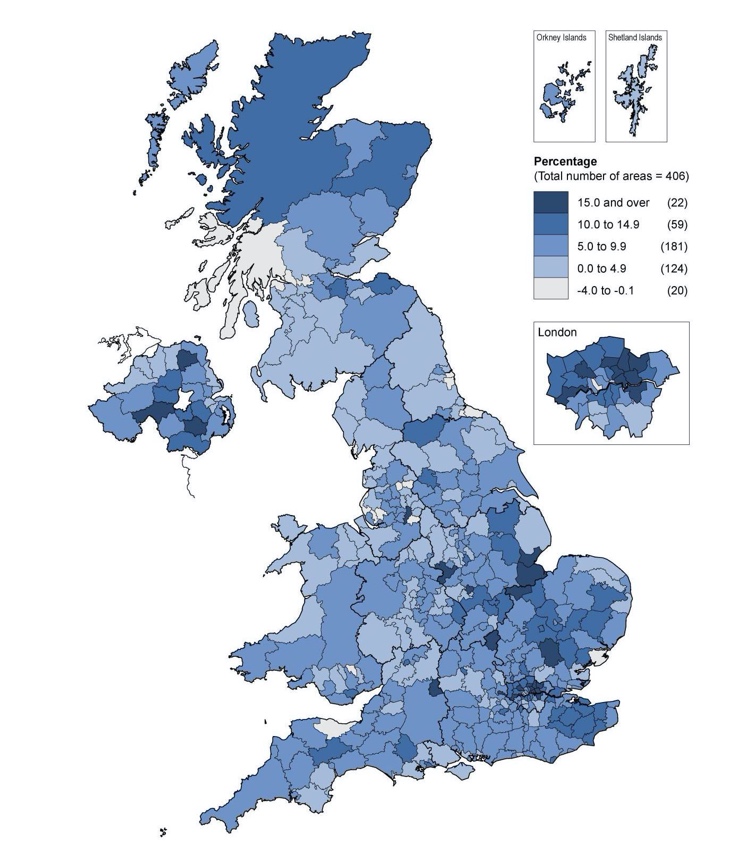
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**The degree of urbanisation varies across the UK.**

The population distribution in the UK is uneven. Generally, it is lower in the north and higher in the south. Important urban areas have the highest population density, with London having the highest in the UK. Other major cities such as Birmingham, Manchester and Liverpool also have high population densities.

Population density varies between different regions in the UK for several reasons. There tends to be a lower population density in the north as there are fewer cities owing to higher relief (mountains) caused by igneous and metamorphic rock geology. Population density is also lower where the climate makes living more difficult, such as northern Scotland. Higher urban populations tend to be located around ports. London and Liverpool are both densely populated because of their historic ports, which provided jobs in the shipping industry.

(iii)  Suggest **one** reason for variations in the rate of urbanisation shown in Figure 1a.

A map of united kingdom with green dots

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**(2)**

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Identify the part of the UK with the largest urban population.

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Explain **two** factors that have influenced the level of urbanisation in different regions of the UK.

**(4)**

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Study Figure 1c

A table with text on it

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(i)  Calculate the median percentage increase in population shown on Figure 1c.

Write your answer to **one** decimal place.

You must show your working in the space below.

**(2)**

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A paper with numbers and a percentage

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**Results Plus: Examiner Comments**

Complete workings (1) and correct answer, written to one decimal place (1) = 2 marks.

**Results Plus: Examiner Tip**

Don't forgot to round up or round down your answer to one decimal place if you are instructed to do so.

**Changing Cities case study of a city in the UK -  Sheffield.**

|  |  |
| --- | --- |
| Site, situation and connectivity | Site – wet point site – rivers allow trade/fertile land for farmingDefensive site - hills surrounding  Resource site. - iron ore, silkstone for construction, coal.  Situation – connected to nearby cities; Manchester, Leeds etc via rail and motorways. Doncaster Sheffield Airport.  Globally important – international bands e.g. Arctic Monkeys, Steel imported globally. |
| Structure | CBD e.g. Moor, Fargate, Tudor Square, Peace Gardens – new buildings, flats etc for students, older buildings including museums, town hall and city hall, public library. Connected to the rest of the city through a network of trams and railway lines, bus routes and cycle lanes.  Inner city e.g. Broomhall, Burngreave – residential properties built in 1800s smaller in size to house rural migrant workers in factories. Connected to the inner city by a network of roads, trams , bus and cycle lanes. Served by smaller shops. Some parks  Suburbs – e.g. Crookes. Larger residential properties 3-5 bedroom with gardens. Served by doctors, schools, grocery shops, connected by bus routes, some trams and roads into the CBD.  Rural urban fringe e.g. Dore. Very large residential properties with garden space surrounding, close to the Peak District. Connected to the CBD by trains and roads. |
| The sequence of urban processes and key population statistics | Urbanisation – 1800s after the discovery of better technology to produce steel. More jobs = migration from rural areas out of farming jobs into industrial jobs population = 50,000  Suburbanisation/decentralisation – 1920s mine/mill owners moving to the outskirts of the city to houses with more space as they had more disposable income to spend on themselves. population 400,000  Deindustrialisation –1970s increased industrialisation abroad led to less jobs in production in the UK. (this process is called globalisation) this coupled with less government investment in production so the closure of mines.  Counter urbanisation/decentralisation 1970-1990 - the movement of people away from the city that had gone into the decline following deindustrialisation which caused a lack of jobs so fewer services in the CBD remaining open.  Regeneration 1990s – the movement of people back into the city caused by the regeneration of the high street, coupled with the number of people attending University (Sheffield Hallam opened in 1992 doubling the student population) led to increased investment and the multiplier effect.  population 565,000 |
| Causes of national and international migration | National migration - in the past caused by industry, now for high skilled jobs in the advanced manufacturing industries and to study/work in Universities. The Universities are the top employer in Sheffield  International migration - for Universities – high skilled employment including the Sheffield Medical School which trains doctors/surgeons. Sheffield is a city of sanctuary so accepts refugees historically from Somalia. And low skilled migrant work from Africa to work as care assistants and in hospitals. |
| Causes of deindustrialisation | Globalisation – goods can be produced quicker and faster abroad (such as steel) leading to fewer jobs in the industry  Decentralisation – the movement of people away from city centres into the suburbs caused by greater transport connectivity, the desire for larger homes (spending more time at home due to better working hours provided by most jobs)  Technological advances – allows people to work from home so fewer people access the city centre, reducing investment. Mechanisation – the growth of machines to produce things like steel mean that while Sheffield is large producer of steel, it employs fewer people.  Teams and Zoom also mean that people can work from home and internet shopping has risen.  Development in transport – allows people to live in rural fringes and commute into the city, also allows goods to be delivered to people’s home, reducing the footfall in the urban area |
| Economic change | The change from industrial, low skilled jobs to high skilled tertiary and quaternary jobs caused unemployment in the low skilled job market – this has been filled by companies like uber and Just Eat. |
| Retailing changes | Meadowhall – out of town shopping where parking is free, it is weatherproof and there are more high street chains caused a decline of the high street  Online shopping – reduced the footfall and investment into both Meadowhall and the CBD.  Independent movement – the movement in the CBD towards more independent businesses diversified the economy, leading to more people visiting the CBD to have lucrative products unavailable in chain stores. |
| How urban living has been made more sustainable | Recycling – Waste incinerator, ‘Tek it ‘om’ bins.  Employment – advanced manufacturing park providing high skilled jobs, universities providing the most employment in the whole city on a variety of tertiary and quaternary jobs e.g. admin assistant, cleaner  Education – University expansion, UTC  Health – more GPs opening, University GP to stop students using local’s services  Transport – super tram, clean air tax, public buses (hybrid), cycle lanes, Dutch roundabout.  Affordable energy efficient housing – built in Kelham Island |

 Study Figure 1b in the Resource Booklet. A brick building with a bridge over it

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(i)  Identify two pieces of evidence that show this area has experienced deindustrialisation.

**(2)**

Evidence 1

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Evidence 2

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(ii)  Define the term deindustrialisation.

**(1)**

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(iii)  State one social impact of deindustrialisation.

**(1)**

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Define the term **situation of a city**.

**(1)**

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**Results Plus: Examiner Comments**

This response was awarded one mark.   
  
There is a clear idea of the city's surroundings, rather than actual physical location (e.g. 'site') of the city.

**Results Plus: Examiner Tip**

Ensure that you can define all of the key geographical terms in the specification.

Define the term **de-centralisation**.

**(1)**

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**Results Plus: Examiner Comments**

This response was awarded 1 mark for a correct definition of the key term.

 The rate and degree of urbanisation varies across the UK.

Suburbanisation has taken place in many UK cities.

(i)  Define the term **counter-urbanisation**.

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Explain **one** characteristic of counter-urbanisation

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Study Figure 1a in the Resource Booklet.

An aerial view of a shopping center

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(i)  State **two** possible reasons why the Kingswood Shopping Centre was built here.

**(2)**

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**Results Plus: Examiner Comments**

This response scores 1 mark for the idea that no other shopping centres are around (referring to the figure)

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**Results Plus: Examiner Comments**

This response scores 2 marks because the candidate has applied their knowledge and understanding (AO3) to this unfamiliar context, and has stated two possible reasons for the location of the shopping centre.

(ii)  Suggest **one** impact of the Kingswood Shopping Centre on Hull's CBD.

Remember that *impacts* can be **positive** and/or **negative**

**(2)**

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**Results Plus: Examiner Comments**

This response scores the full 2 marks. The candidate has correctly developed one impact as fewer shoppers will be going to the CBD which means that shops will lose income/go out of business.

The character of major cities in developing and emerging countries is influenced   
by rapid population growth.

Study Figure 1c in the Resource Booklet.A table with numbers and a number of people

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(i)  Calculate the median value for the population shown on Figure 1c.

**(1)**

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(ii)  Calculate the percentage increase in Abidjan's population between 1988 and 2000.

Answer to one decimal place.

You must show your working in the space below.

**(2)**  
  
  
  
  
  
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**Results Plus: Examiner Comments**

This response was awarded two marks.   
  
The candidate has used the route included in the mark scheme; there is clear evidence of working (1) and the answer has been written to one decimal place (1).

(iii)  Explain **two** possible reasons for the rapid growth in Abidjan's population.

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**Results Plus: Examiner Comments**

This response was awarded four marks for two developed points.   
  
In the first section, there is a developed point about rural to urban migration to the city (1), with a reason for this provided – jobs (1).   
  
In the second section, there is a second developed point about decreasing death rates (1) as a result of better health care (1).

You have studied a major UK city.

Assess the importance of different reasons why people have migrated to a named UK city.

**(8)**

Named UK city .....................................................

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**Changing Cities**

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**Results Plus: Examiner Comments**

This response was awarded Level 3 (7 marks).

The candidate provided some convincing place-specific information, describing how retailing has changes, and crucially, explaining the impact that this has had on Birmingham.

The candidate also provides a conclusion, which assesses which of the impacts have been the most significant.

You have studied a major UK city.

Assess the impacts of recent changes in retailing on this city.

**(8)**

Named UK city

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A map of a city

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The city of St Albans is influenced by its site, situation and connectivity.

Study the Ordnance Survey (OS) map extract.

(i)  Which **one** of the following grid squares does the A1081 main road pass through?

**(1)**

   **A**    1707

   **B**    1506

   **C**    1808

   **D**    1206

(ii)  Name the **two** suburbs of St Albans located in the following grid squares.

**(2)**

1508

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1405

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(iii)  Suggest **one** reason why the area in grid square 1407 became the original site of St Albans.

**(3)**

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**Results Plus: Examiner Comments**

The response was awarded 3 marks: identification of the 'river' as an original physical factor influencing the site of St. Albans, plus double-development through an idea of transport facilitating trade.

**Results Plus: Examiner Tip**

A 'double' development' is required when the command is 'explain/suggest **one** ..' and the tariff is 3 marks. ‘So…So…’ or ‘Which leads to…resulting in…’

(iv)  Compare the land use in grid square 1409 with grid square 1505.

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**Results Plus: Examiner Comments**

This response was awarded 3 marks. The candidate has identified (at least) three land use features in both grid squares.

**Results Plus: Examiner Tip**

You need to be able to read 4-figure and 6-figure grid references, and to use an OS map key.

**Changing Cities case study of a city in an developing or emerging country -  Mexico City.**

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| --- | --- | --- |
| Site, situation and connectivity | Previous wet point site- rivers were drained to build the city, plateau – easy to build on.  Situation – surrounded by mountains and dormant volcanoes caused by plate boundary collision (tectonic activity)  Connectivity – Capital City of Mexico – airports, roads, rail connect it to the rest of the country and wider N and S.America | |
| Structure ; CBD etc | A circular chart with different colored circles  Description automatically generated | 1. regenerated areas that were previously in decline e.g. Santa Fe  2 = less expensive homes – but not the poorest (Buena Vista)  3= the poorest – informal homes (peripherico means periphery which means less developed or ‘on the edge’) e.g. Neza  4 = elite residential  - Polanco  5= middle class residential - Chapultepec |
| Reasons for past and present trends in the population. | **Past** – rural to urban migration caused by a lack of services in the rural areas and crime. 5 million in 1960.  **Present** – as a result of migration, more investment from TNCs so more economic opportunities 21 million today. | |
| Causes and impacts (+/-) of national and international migration | **Causes of national migration** =  rural to urban migration, natural increase, TNC investment = more economic migration.  **Causes of international migration** = cheaper luxury homes (USA), improving lives from poorer N. and S American countries e.g. Cuba, Haiti. | |
| How the growth of the city has caused inequality | **International migrants** have driven house prices up in the middle class spine e.g. Polanco and Chapultepec.  **Rural-urban migration** – lack of services leading to informal homes and informal jobs causing illness, disease, environmental damage | |
| Challenges resulting from the chosen cities rapid urbanisation | Air quality – thin air caused by altitude + more car ownership  Traffic congestion – 152 hours spent in traffic  Waste management - 12,355 tons of waste per day only 24% is recycled.  Water inequality – 30% of people don’t have access to consistent water supply.  Informal homes – 2/3 people in Mexico City live in informal homes  Informal jobs – 51% of people work in informal jobs in the city. lack of taxable income  TNC exploitation of the environment/employees - low paid, hard work, disposal of industrial waste. | |
| Advantages and disadvantages of top down and bottom up approaches to improve the quality of life. | **Top down –** investment from **TNCs** such as Coca Cola, **Uber** and Amazon employ people, taking them out of informal employment **(top down includes government- see below)**  **Bottom up** – **Neza Migrant Project** = allowing people to build formal houses safely which meet building regulations and employ local people.  **Islas Urbana** - Creating gutters to channel the rainwater that falls to capture and store the water. 5000 litre tank to harvest rainwater. It helps to save money for the people, they would have to pay 800 pesos (nearly a month’s wages.)  **Pesero App** – cheap buses app which shows when they’re coming and where they’re going, formalising the buses makes them more likely to be used over cars (as people know when they will arive) and make people feel safer. | |
| The role of government policies in improving the quality of life in the city. | **Infonovit** – allowing mortgages for people who may usually not be able to get one so that they can buy a formal home.  **Home building projects** – large scale home building projects – providing formalised homes for people  **Mexicable –** cable cars connecting people from the preferico to the CBD so they can travel inexpensively to work.  **The Green Plan** – giving money off vouchers for the collection of recyclable waste.  **Hoy no Circula-** car free days on saturdays in the CBD.  **Bicycle mayor** – who has used money from the government to build more cycle lanes in the city.  **Police Helicopters** – surveying the city to allow them to respond quickly to criminal activity as they can see more and deploy local officers to intervene. | |

 Rapid urbanisation has taken place in many developing and emerging countries.

Study Figure 1b below.

A graph with different colored bars

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**Figure 1b**

**Past and projected populations for selected cities in Africa**

(i)  Plot the data for Nairobi given in the table below by completing the bar chart on Figure 1b.

**(2)**

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(ii)  Calculate the projected increase in Kinshasa's population between 2010 and 2025.

**(1)**

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(iii)  State **one** possible reason for the trend shown on Figure 1b.

**(1)**

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(iv)  Explain **two** negative impacts of rapid urbanisation on a city in a developing or emerging country.

**(4)**

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**Results Plus: Examiner Comments**

This response scores 1 mark. The candidate has identified one negative impact of rapid urbanisation, but without a further extension of this idea.

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**Results Plus: Examiner Comments**

This response scores the full 4 marks. The candidate has successfully developed two ideas about why rapid urbanisation can have negative impacts on a city in a developing or emerging country.

Bottom-up approaches have been used to improve the quality of life for people living in cities in developing and emerging countries.

Explain **two** ways that bottom-up approaches have been used in a named major city in **either** a developing **or** an emerging country.

**(4)**

Named major city ...........................................................

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**Results Plus: Examiner Comments**

This response was awarded 2 marks (mid-Level 1). The response is generic and includes some basic ideas about how the government might improve the quality of life in a city – but the content of the response is not place-specific. The use of some place-specific information and accompanying partial explanation would have lifted this response into Level 2

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A close-up of a letter

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**Results Plus: Examiner Comments**

This response was awarded 8 marks (top of Level 3). The response includes a range of place-specific examples that have been well-explained. The command word 'evaluate' has been clearly addressed with some good reflective comments throughout and a conclusion at the end of the answer.

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**Examiner Comments** -This response was awarded 8 marks. The candidate has selected a legitimate case study, and has considered a range of top-down and bottom-up strategies that have been used to tackle rapid growth. The candidate has thoughtfully used place-specific details to support their explanations about why specific approaches have been used – and there is some good evaluative commentary with regards to the success of these.

**Results Plus: Examiner Tip**

Case study information (e.g. facts and figures) is useful to bring your answer to life – and move away from a 'generic' response that could apply to any city.

You have studied a major city in **either** a developing **or** an emerging country.

Evaluate how successful bottom-up and top-down approaches have been in solving the problems caused by rapid growth.

**(8)**

Named city

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You have studied a major city in either a developing or emerging country.

Evaluate the ways that the challenges of rapid urbanisation have been managed to improve the quality of life.

**(8)**

Named major city in a developing or emerging country ........................................

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