

(iv) Describe how the agricultural land use shown in Photograph **B** is **different** from that shown in Photograph **A**.

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(3)

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(b) Using evidence from Photographs **A** and **B** and your own knowledge, suggest how the following may have contributed to the contrasting **character** of the two rural areas.

Physical factors

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Locational factors

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Other factors

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If you answer Question 2 put a cross in this box ☒.

2. (a) Study Figure 2(a) in the Resource Booklet. Bilanga-Yanga is a village in Burkina Faso.

(i) Identify **three** pieces of evidence which suggest the village is in an LDC (least developed country).

1

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2

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(3)

(ii) Complete the tables below to show the advantages and disadvantages of the two developments **A** and **B** for the environment and local people.

A Improving the surface of the road to the capital city

Advantages	Environment	Disadvantages
<ul style="list-style-type: none"> • Surfacing will cut down dust and noise from passing traffic 		
	People	

B Building the dam and reservoir

Advantages	Environment	Disadvantages
	People	

(7)



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(b) Study Figure 2(b) in the Resource Booklet. It shows the same village in 2007.

Suggest how the changes shown may have improved the following aspects of local life.

1. Employment opportunities

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2. Health and well-being of the people

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If you answer Question 3 put a cross in this box ☒.

3. (a) Study Figure 3(a) in the Resource Booklet.

(i) Which continent has:

1. the **lowest** percentage of rural dwellers

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2. the **highest number** of rural dwellers

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3. the **highest** percentage of all **urban** dwellers living in slums?

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(3)

(ii) Suggest reasons why Asia and Africa are the least urbanised continents.

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(iii) Explain why rates of urbanisation have slowed in Europe and North America.

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(b) Study Figure 3(b) in the Resource Booklet.

(i) Which mega-city is expected to have the highest growth in actual numbers?

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(1)

(ii) In which mega-city has the population risen by the highest relative (%) amount?

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(1)

(iii) With reference to named examples, examine the push and pull factors which are leading to such rapid mega-city growth.

Rural push factors

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If you answer Question 4 put a cross in this box ☒.

4. (a) Study Figure 4 in the Resource Booklet.

(i) Identify the **two** features shown which are common to **all** urban areas.

1 2 **(2)**

(ii) Choose **one** of the urban features shown as common to **most** city centres and explain why it is **not** found in all.

Chosen urban feature
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(iii) Choose **two** of the 'toppings' numbered 1 to 5. Using examples, explain why they are often located in city centres. **(2)**

Choice number
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Choice number
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(6)



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(b) With the aid of examples, explain how each of the following can influence land use patterns in city centres.

1. Cost of land

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2. Accessibility

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3. Other factors

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(10)



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If you answer Question 5 put a cross in this box ☒.

5. (a) Study Figure 5(a) in the Resource Booklet.

(i) Identify the **largest** input.

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(1)

(ii) Identify:

1. **one** output directly associated with transport

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2. **one** further output directly associated with people's homes.

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(2)

(iii) Suggest reasons why the metabolism shown produces a large eco-footprint and is considered **unsustainable**.

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(3)





(iv) Suggest reasons why the size of the eco-footprint varies between cities.

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