



**ZIMBABWE SCHOOL EXAMINATIONS COUNCIL**  
General Certificate of Education Advanced Level

**GEOGRAPHY**

**9156/2**

PAPER 2

**JUNE 2017 SESSION**

3 hours

Additional materials:  
Answer paper

**TIME** 3 hours

**INSTRUCTIONS TO CANDIDATES**

Write your name, centre number and candidate number in the spaces provided on the answer paper/answer booklet.

Answer **four** questions.

Answer **one** question from Section A, **two** questions from Section B and **one** question from Section C.

Write your answers on the separate answer paper provided.

If you use more than one sheet of paper, fasten the sheets together.

**INFORMATION FOR CANDIDATES**

The number of marks is given in brackets [ ] at the end of each question or part question.

You should make reference to appropriate examples, studied in the field or the classroom, where these are relevant to a question.

You are advised to spend no longer than **45 minutes** on Section A.

You are reminded of the need for good English and clear presentation in your answers.

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**This question paper consists of 7 printed pages and 1 blank page.**

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### Section A (Practicals)

Answer **one** question from this section.

You are advised to spend not more than **45 minutes** on this question.

- 1
- (a) You are the Manager of a local bank and have been asked to conduct a survey on prospective A2 farmers that are to be given financial assistance. Design a questionnaire for use in your survey. [8]
  - (b) What factors are taken into consideration when designing the questionnaire? [5]
  - (c)
    - (i) Describe and explain any sampling technique you would use to choose farmers to administer the questionnaire to. [4]
    - (ii) Choose one other sampling technique and describe its advantages over the others. [3]
  - (d) How would you represent the information collected from the survey in the form of a diagram? [5]

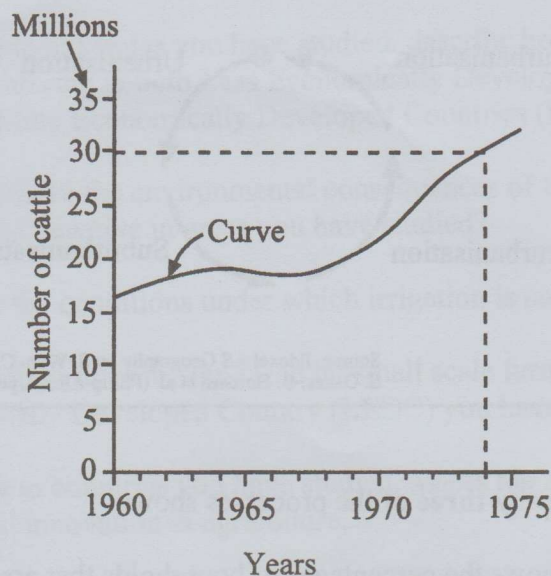
- 2 **Table 1** below shows the ethnic composition of Zimbabwe's three largest cities (Figures are in thousands).

City	Negroids	Caucasoids	Mongoloids	Total
Harare	903	257	95	1 395
Bulawayo	874	145	87	1 226
Gweru	495	63	45	637

- (a) Using the information shown in **Table 1**, describe any **two** different diagrams that could be used to represent the data given. [12]
- (b) For one of the diagrams you chose in **2(a)** above, describe its advantages and disadvantages. [6]



- (c) Fig. 1 below shows a technique used to represent continuous geographical data.



- (i) Name the technique represented. [1]
- (ii) Describe the steps you would take to construct such a diagram. [6]

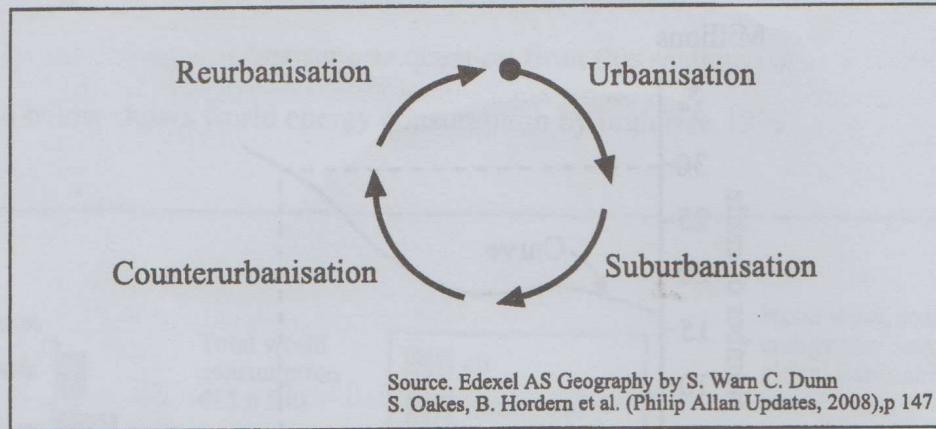
### Section B (Human Core)

Answer **two** questions from this section.

- 3 (a) Briefly explain the stage of the Demographic Transition Model at which population growth is most rapid. [6]
- (b) With reference to a country you have studied, account for the changes in life expectancy that have occurred over time. [12]
- (c) To what extent is the changing of traditional attitudes the key to reducing fertility rates in Less Economically Developed Countries (LEDs). [7]
- 4 (a) Briefly explain how internal migration affects age-sex structures. [6]
- (b) With reference to **one** city you have studied, describe the problems associated with massive in-migration. [12]
- (c) Assess attempts made by authorities to solve problems of rapid rural-urban migration in the city mentioned in (b) above. [7]
- 5 (a) Outline the characteristics of sub-urban shopping centres. [6]
- (b) With reference to cities you have studied, give reasons for the establishment of sub-urban shopping centres. [12]
- (c) With reference to an urban area you have studied, evaluate measures taken to ~~ungrade~~ its squatter settlements. [7]

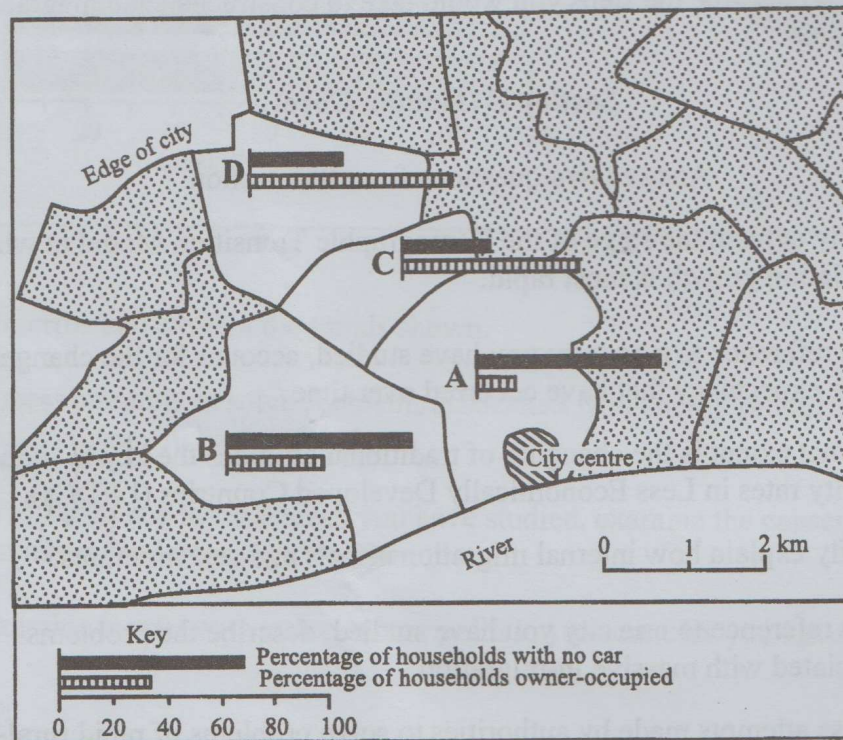
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(a) Fig. 2 below shows the cycle of urbanisation.

Briefly explain any **three** of the processes shown.

[6]

(b) Fig. 3 below shows the percentages of households that are owner-occupied and those without cars in wards A, B, C and D of a city. A and B are inner city wards while C and D are outer city wards.



Describe and explain the trends shown.

[12]

(c) With reference to any city you have studied, assess attempts made by city authorities to improve its accessibility.

[7]

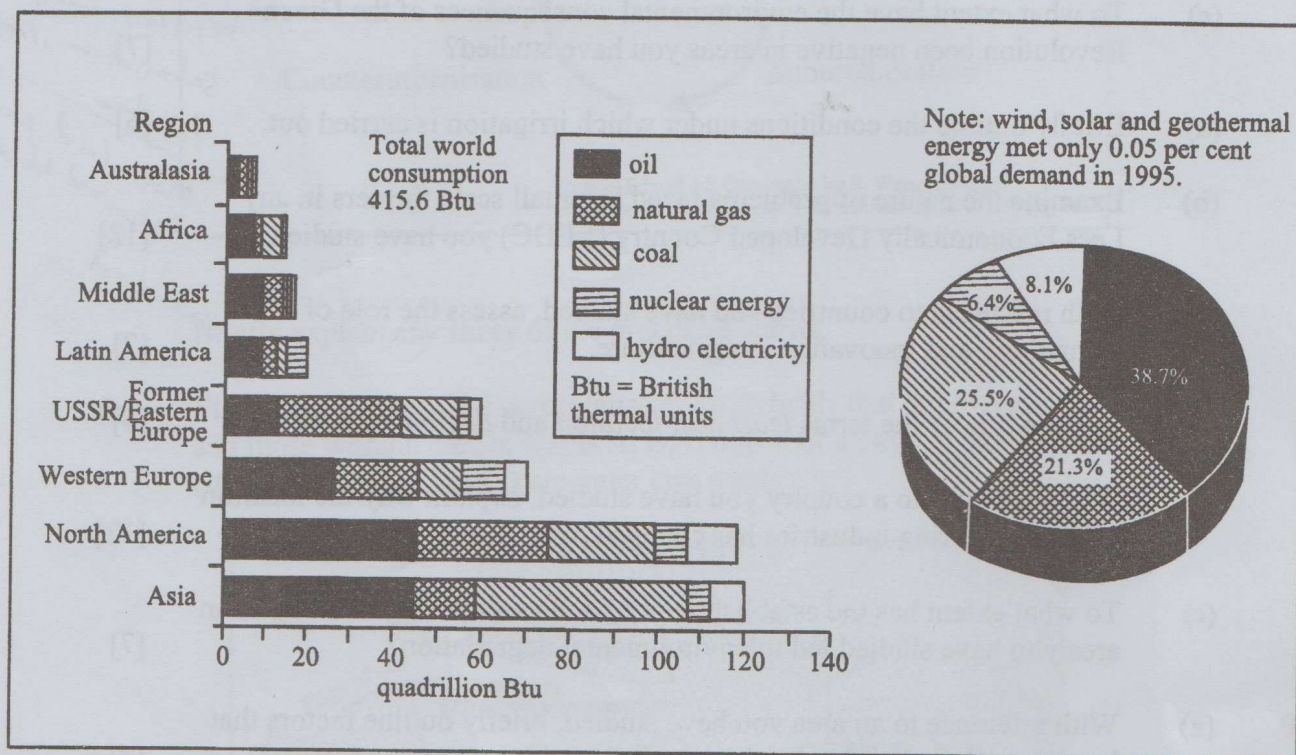


- 7 (a) Briefly outline the characteristics of plantations. [6]
- (b) With reference to examples you have studied, describe how governments have affected farming in both Less Economically Developed Countries (LEDCs) and More Economically Developed Countries (MEDCs). [12]
- (c) To what extent have the environmental consequences of the Green Revolution been negative in areas you have studied? [7]
- 8 (a) Briefly outline the conditions under which irrigation is carried out. [5]
- (b) Examine the nature of problems faced by small scale farmers in any Less Economically Developed Country (LEDC) you have studied. [12]
- (c) With reference to countries you have studied, assess the role of technology and innovation in agriculture. [7]
- 9 (a) Explain briefly the terms *least cost location* and *deglomeration*. [6]
- (b) With reference to a country you have studied, explain why the location of manufacturing industries has changed over time. [12]
- (c) To what extent has the establishment of a manufacturing industry in an area you have studied led to environmental degradation? [7]
- 10 (a) With reference to an area you have studied, briefly outline factors that have contributed to the development of tourism. [6]
- (b) Describe the positive and negative impacts of international tourism on the societies of any tourist destinations you have studied. [12]
- (c) To what extent are the environmental impacts of international tourism beneficial? [7]

### Section C (Human Options)

Answer **one** question from this section.

- 11 Fig. 4 below shows world energy consumption by region in 1995.



- (a) Describe and explain the trends shown. [12]
- (b) Assess attempts to solve problems associated with energy production in any country you have studied. [13]
- 12 (a) With reference to rural areas you have studied, examine the causes of environmental degradation there. [12]
- (b) Examine measures to reduce water pollution in countries you have studied. [13]