# ZIMBABWE SCHOOL EXAMINATIONS COUNCIL

**General Certificate of Education Advanced Level**

# GEOGRAPHY

PAPER 2

**9156/2**

**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.

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

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**[Turn over**

## 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]

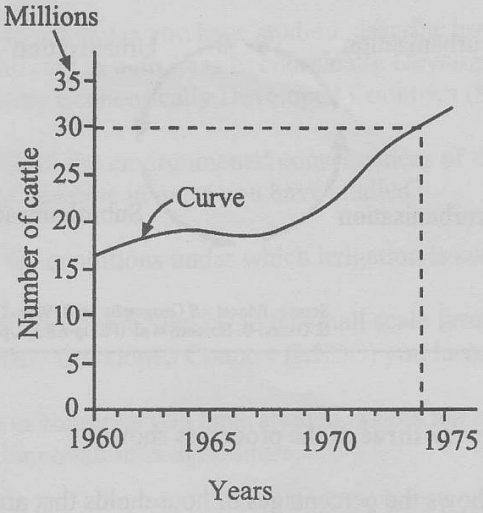
2 **Table 1** below shows the ethnic composition of Zimbabwe's three largest cities (Figures are in thousands).

| 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 (LEDCs). [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]

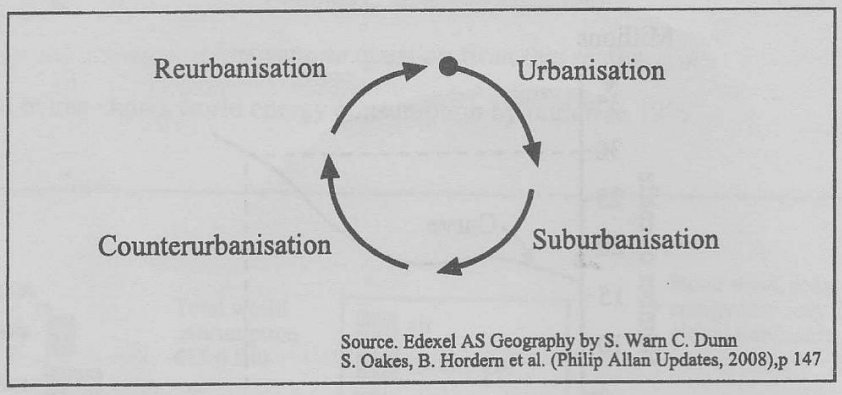
(c) Assess attempts made by authorities to solve problems of rapid rural-urban migration in the city mentioned in **(b)** above. [7]

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 upgrade its squatter settlements. [7]

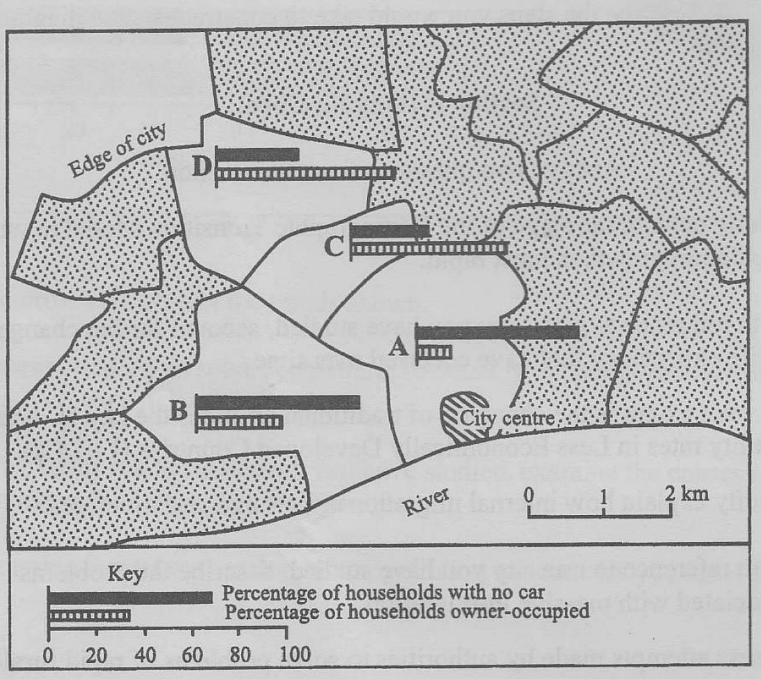
6 **(a)** **Fig. 2** below shows the cycle of urbanisation.




Source. Edexel AS Geography by S. Warn C. Dunn
S. Oakes, B. Hordern et al. (Philip Allan Updates, 2008),p 147

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]

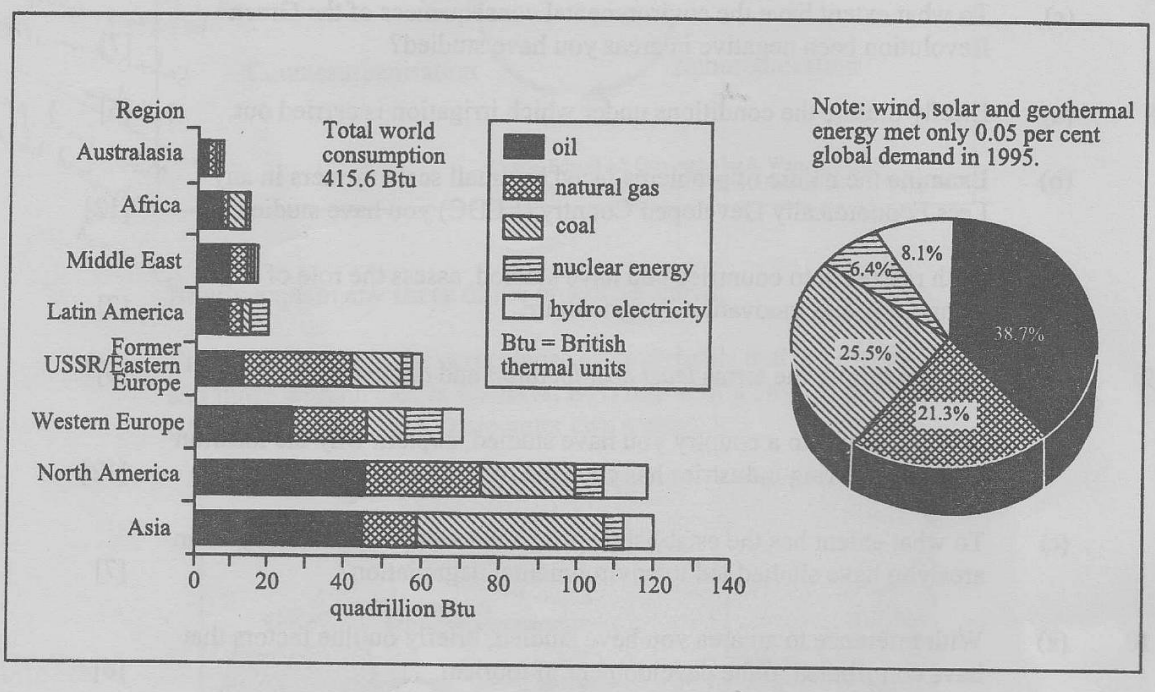
**(c)** With reference to any city you have studied, assess attempts made by city authorities to improve its accessibility. [7]

| | | | |
|---|---|---|---|
| 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. | [6] |
| | (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]