

EXAMINATIONS COUNCIL OF SWAZILAND

Junior Certificate Examination

CANDIDATE
NAME

CENTRE
NUMBER

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CANDIDATE
NUMBER

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GEOGRAPHY

527/02

Paper 2 Geographical skills

October/November 2018

Candidates answer on the question paper

1 hour 45 minutes

Additional Materials:

Calculator
Ruler
Plain paper
Pencil
1:50,000 Survey Map extract enclosed with this paper.

READ THESE INSTRUCTIONS FIRST

Write your Centre number, candidate number, and name on the spaces provided.

Write in **blue** or **black** pen.

You may use a soft pencil for any diagrams, graphs, tables or rough working.

Do not use staples, paper clips, highlighters, glue or correction fluid.

Answer **all** questions.

Sketch maps and diagrams should be drawn whenever they serve to illustrate an answer.

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

For Examiner's Use	
Question 1	
Question 2	
Question 3	
Question 4	
Total	

This document consists of **9** printed pages and **3** blank pages.

1 Study the map extract of Mbalabala (Zimbabwe) and answer the following questions.

(a) (i) What is the statement scale of the map?

.....[1]

(ii) A man standing on top of Iwaba hill at 0941 can see Inzomba hill at 1337.

State the direction in which the man is facing.

.....[1]

(iii) What is the height of the Mbalani hill at 2243?

.....[1]

(iv) What is the whole circle bearing of Iwaba hill from Inzomba hill?

.....[1]

(b) Name the feature that is located at grid reference 135435.

.....[1]

(c) (i) Measure the distance along the wide tarred road from the junction at 130378 to where it ends in the southern part of the map (120319).

.....[1]

(ii) The height of the junction is 1120 metres and where the road ends it is 1040 metres above sea-level.

Calculate the gradient between the two points.

.....
.....[2]

(iii) State **two** natural features of the Umzingwani river that are found in square 1842.

.....
.....[2]

(d) (i) Give **two** social facilities found in the town of Mbalabala.

1.....
2.....[2]

(ii) What settlement pattern is shown between eastings 09 and 12 and northings 41 and 43?

.....[1]

(iii) State **two** possible uses of the water in the Inyankuni dam.

.....

.....

.....

.....[2]

Total Marks [15]

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Use*

2 (a) (i) State the meaning of secondary data in research.

.....
.....[1]

(ii) Why is sampling important in research?

.....
.....[1]

(b) (i) What is a pilot survey?

.....
.....[1]

(ii) What type of data source is a newspaper report?

.....
.....[1]

(iii) Name the type of graph that can be used to show data on temperature figures.

.....
.....[1]

Total Marks [5]

3 (a) The diagrams Fig. 1A and 1B show two types of rock weathering.

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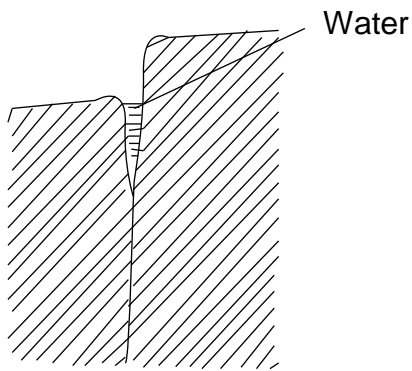


Fig. 1A

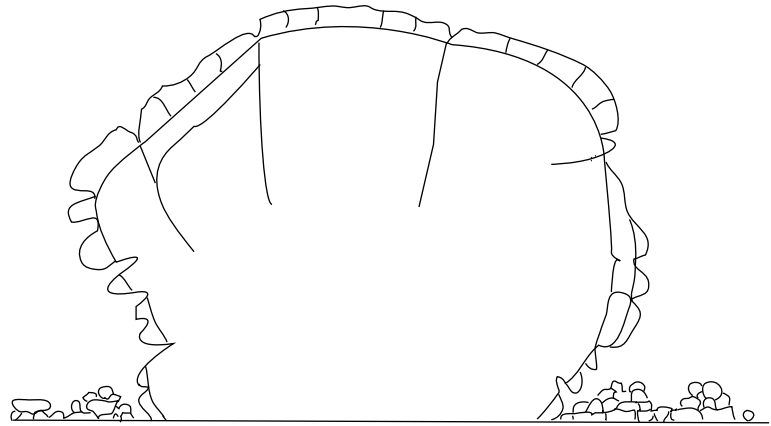


Fig. 1B

(i) Name the **two** types of weathering shown by Fig. 1A and 1B.

Fig. 1A.....

Fig. 1B.....[2]

(ii) Suggest **two** climatic conditions that influence the rate of weathering shown in Fig. 1A.

1.....

2.....[2]

(iii) Identify the climatic regions where the two types of weathering occur.

Fig. 1A

.....

Fig. 1B

.....[2]

(b) Fig. 2 below shows eight different phases of the moon as it revolves around the Earth.

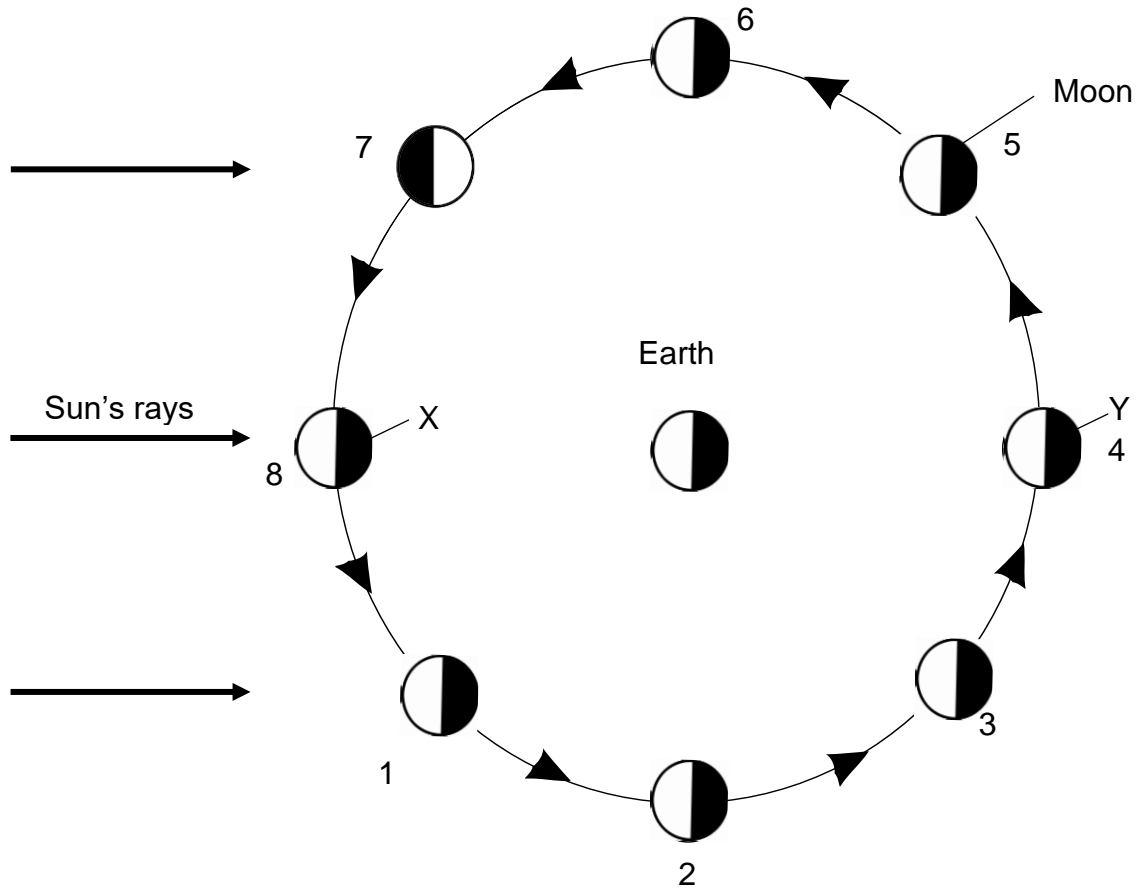


Fig. 2

(i) Name the phases of the moon marked X and Y.

X

Y.....[2]

(ii) Give the geographical term that refers to the size of the moon from:

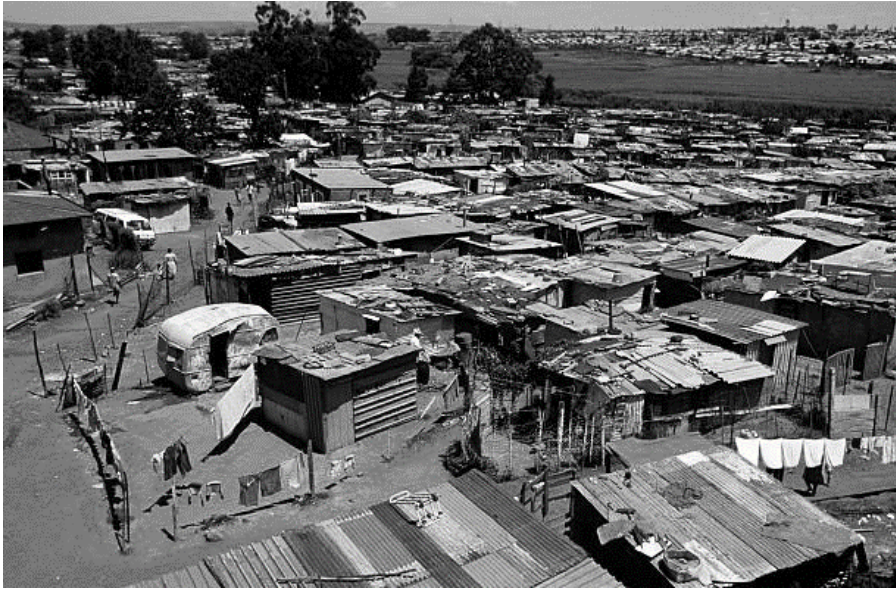
Phase 1 to 4.....

Phase 5 to 8.....[2]

Total Marks [10]

4 (a) Study the Photograph below which shows a settlement in / or a land use zone in a city.

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(i) Name the type of settlement shown in the Photograph.
.....[1]

(ii) Describe **two** features of the settlement shown in the Photograph.
1.....
.....
2.....
.....[2]

(iii) Suggest **two** problems experienced by people living in settlements such as the one shown in the Photograph.
1.....
.....
2.....
.....[2]

(b) The three diagrams Fig. 4A, 4B and 4C show certain information about the relationship between population and resources.

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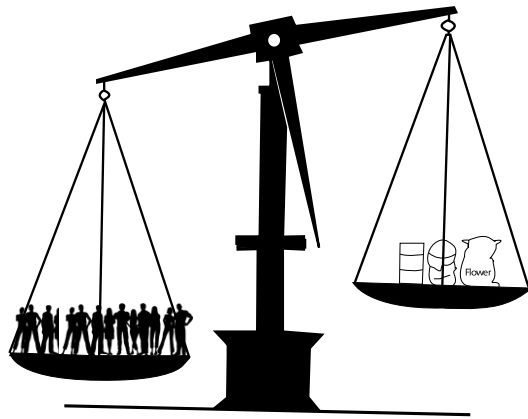


Fig. 4A

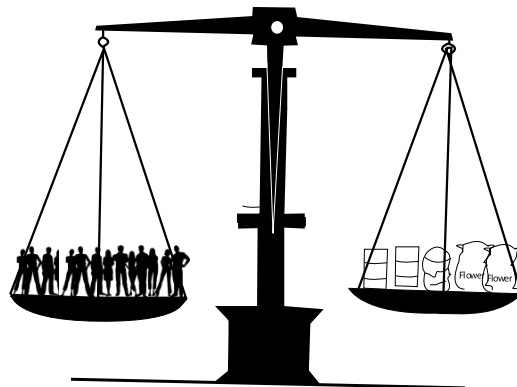


Fig. 4B

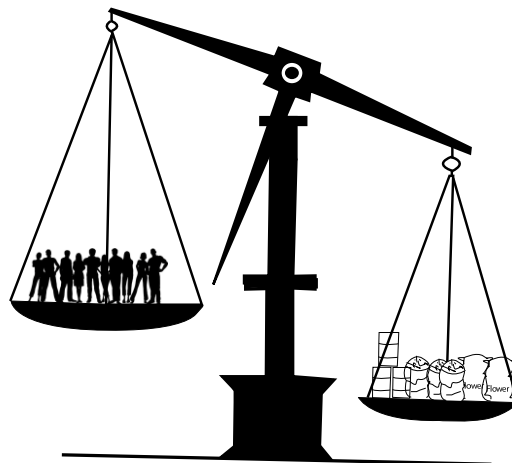


Fig. 4C

(i) For each of the diagrams write **one** term that describes it.

4A.....

4B.....

4C.....[3]

(ii) Give **two** reasons why birth rate is high in developing countries such as Swaziland?

1.....

.....

2.....

.....[2]

Total Marks [10]

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