



EXAMINATIONS COUNCIL OF ESWATINI
Junior Certificate Examination

CANDIDATE
NAME

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CENTRE
NUMBER

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CANDIDATE
NUMBER

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GEOGRAPHY

Paper 2 Geographical skills

Candidates answer on the question paper.

Additional Materials: Calculator

Ruler

Plain Paper

Pencil

1:25,000 Survey Map extract enclosed with this paper

527/02

October/November 2019

1 hours 45 minutes

READ THESE INSTRUCTIONS FIRST

Write your Name Centre number and candidate number in 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 wherever 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 **8** printed pages.

1. Study the map extract of Tamarin (Mauritius) and answer the questions that follow.

(a) (i) What is the Representative Fraction Scale of the map?

.....[1]

(ii) What class of road is the Riviere Noire road?

.....[1]

(iii) Give the height of the summit in square 8988.

.....[1]

(b) (i) What is the general direction of flow of the River du Rempart?

.....[1]

(ii) Measure the whole circle bearing of the trigonometrical station at 8983 from the Trigonometrical station at 8781.

.....[1]

(iii) What is the six figure grid reference of the Water Tank in the South Western part of the Map Below Grand Riviere Noire river?

.....[1]

(iv) Measure the distance in metres along the Private road from its junction in square 8786 to Its junction with the road to Magenta dam in square 8986.

.....[1]

(v) The height of the road junction at 8786 is 55 metres above sea-level and the height of the junction at 8986 is 110 metres above sea-level. Calculate the gradient between the two junctions.

.....

.....

.....

.....[2]

(c) (i) State any **three** facilities found in the town of Tamarin.

1.

2.

3.[3]

(ii) Give **two** reasons why the South Eastern part of the map extract is without settlements.

1.

2.[2]

(iii) What is the main land use in the Northern and part of the central part of the map?

.....[1]

[Total: 15 Marks]

- 2. (a) What is the first step involved when one has to conduct a research?
.....[1]
- (b) Define the stratified sampling method.
.....[1]
- (c) State **one** factor to be considered in data collection.
.....[1]
- (d) Give **one** advantage of an interview.
.....[1]
- (e) Name the type of graph used in presenting rainfall figures.
.....[1]

[Total: 5 Marks]

3. (a) Study Figure. 1, which shows an eclipse.

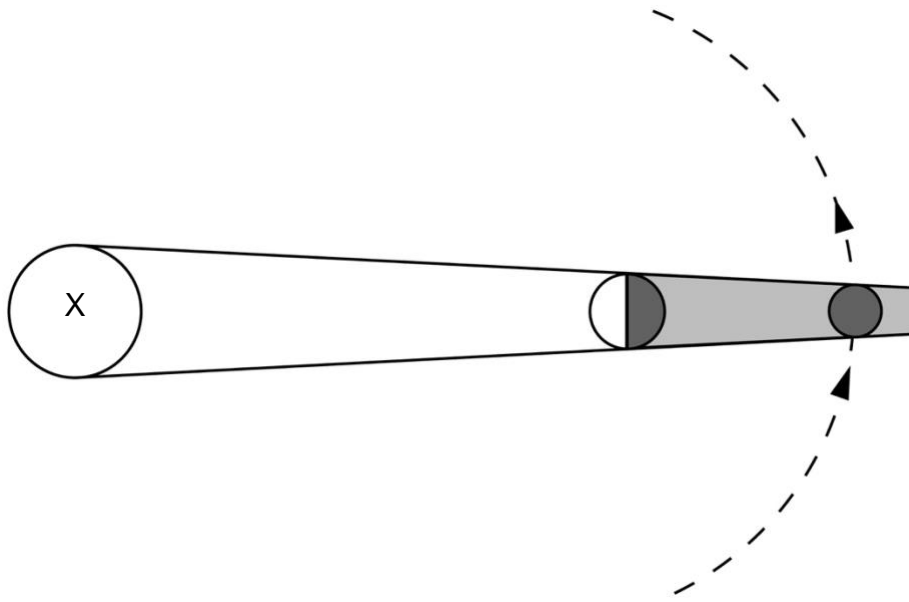


Figure. 1

(i) Name the type of eclipse shown in Figure. 1.
[1]

(ii) Identify the heavenly body marked X in Figure. 1.
[1]

(ii) Name the phase of the moon in which the eclipse shown in Figure. 1 occurs.
[1]

(iv) Using Figure. 1, describe how the eclipse occurs.

[2]

(b) Study Fig. 2 which shows certain types of landforms.

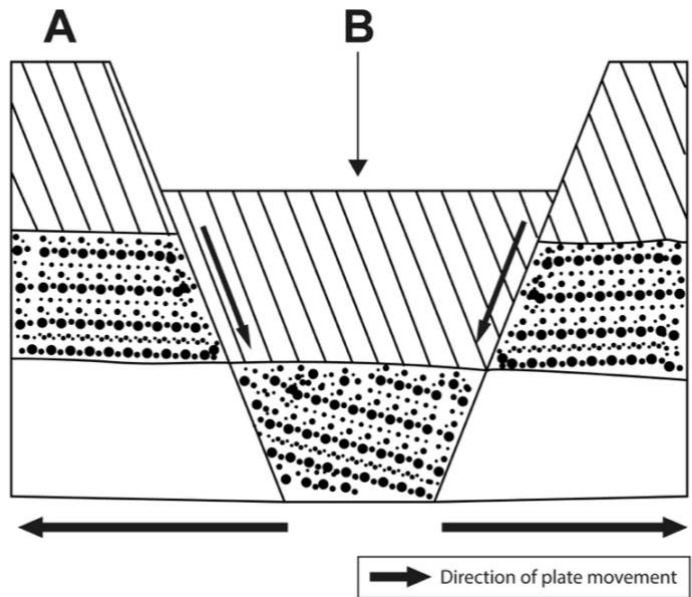


Figure. 2

(i) What movement within the earth's crust has resulted in the formation of the landforms shown as **A** and **B** in Figure. 2.

.....[1]

(ii) Name the landforms marked A and B in Figure. 2.

A.

B.[2]

(iii) Using Figure. 2 describe how the landforms shown as **A** and **B** have been formed.

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

[Total: 10 Marks]

4. (a) Study Figure 3 below which shows four possible sites **A**, **B**, **C** and **D** for the location of a new farming village.

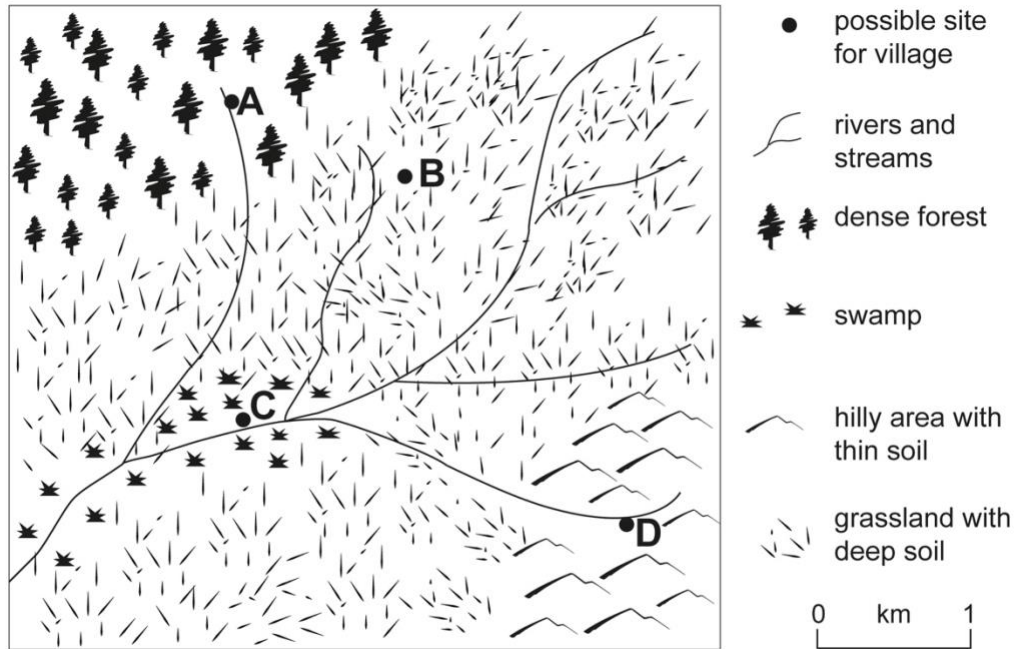


Figure. 3

- (i) Which is the best site for the location of the village?
[1]
- (ii) Give **two** reasons for the site you have chosen.
 1.
 2.[2]
- (iii) State, giving a different reason for each site why you rejected any two of the other sites.
 Site reason for rejection

 Site reason for rejection
[2]

(b) Study Figure 4 which is an extract about the population of Eswatini.

Swaziland is a small country in Southern Africa with a total area of 17363 km², occupied by about 1, 200 000 inhabitants. As an LEDC it has a high birth rate attributed to lack of family planning, desire for boys, proof of men’s virility and teenage pregnancies among others. This has resulted to overpopulation, a situation whereby the resources exceed the population. This has led to unemployment, shortage of social services, diseases, high crime rate. On the contrary MEDCs have a low birth rate as there is improved women status, education and high living standard.

Figure. 4

(i) Using Figure. 4, define overpopulation.
.....[1]

(ii) Using Figure. 4, state **two** reasons why Swaziland has a high birth rate.
1.
2.[2]

(iii) Using Figure. 4, give **one** reasons why MEDCs have achieved a reduction in birth rates.
..... [1]

(iv) Using Figure. 4, calculate the population density of Swaziland.
.....[1]

[Total: 10 Marks]

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