

MINISTRY OF EDUCATION AND HIGHER EDUCATION

FORM FOUR EXAMS, 2011

# GEOGRAPHY



P/LAND NATIONAL EXAMINATION BOARD

Name.....

School .....

Roll Number.....

## Puntland State of Somalia

### Puntland National Examination Board

#### Form Four

# GEOGRAPHY EXAMINATION.

June 2011

Time 2 hours

Plus 10 minutes for reading through the paper

### INSTRUCTIONS TO CANDIDATES

This paper consists of 20 printed pages.  
Count them now. Inform the invigilator if there is any missing.

**PART ONE:** 10 Multiple Choice Questions                      **10 marks**

**PART TWO:** 10 Structured questions                              **70 marks**

**PART THREE:** Extended questions                                **20 marks**

- Answer **ALL** questions in part 1 and 2
- Answer **TWO** questions in part 3
- All answers must be written on this paper in the spaces provided immediately after each question.

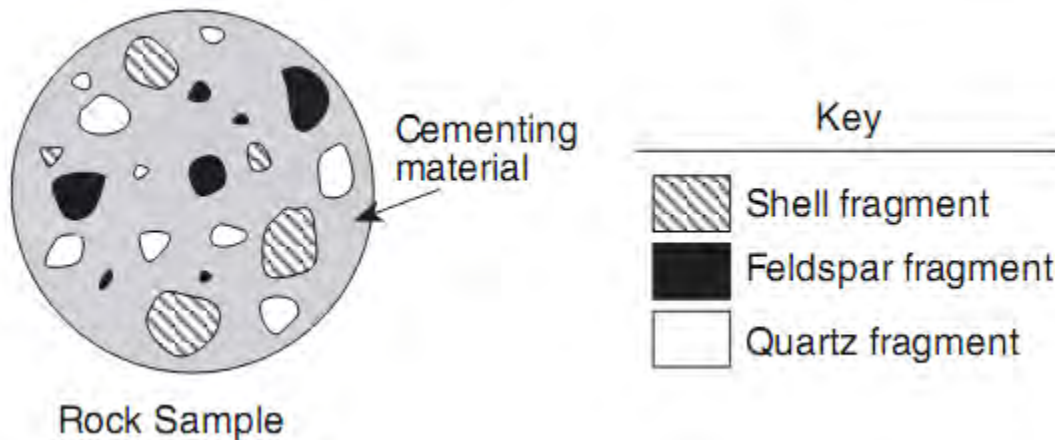




**PART ONE: multiple choice questions [10 marks]**

**Put a circle round the correct answer. There is only one answer for each question**

- Puntland uses all of the following transport systems except;
  - Ocean transport
  - Air transport
  - Inland waterways transport
  - Road transport
- The diagram below shows a rock sample and an identification key.



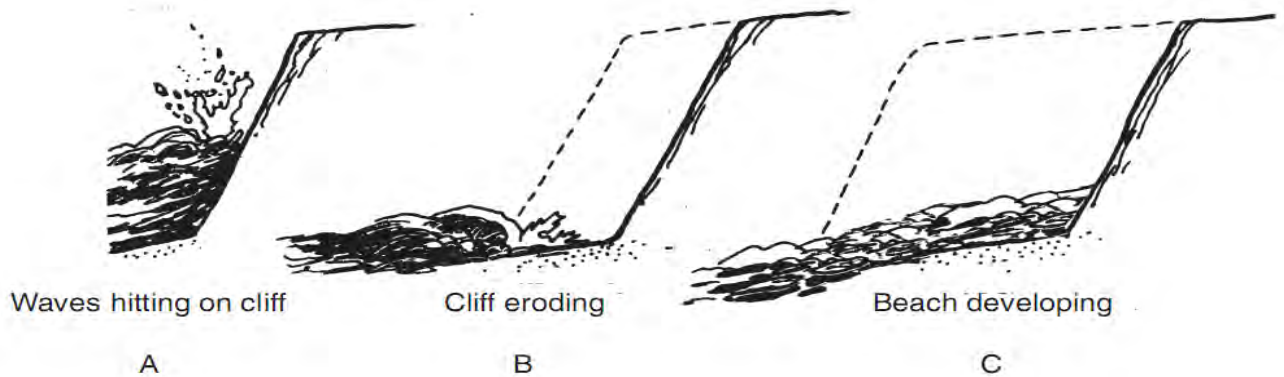
This rock sample would best be classified as

- volcanic
  - metamorphic
  - sedimentary
  - igneous
- What is meant by environmental conservation?
    - Surroundings and their influence on living things
    - Protection of plants and animals in their environment
    - Management of human use of the biosphere
    - Conservation of natural resources
  - London is located at longitude  $0^{\circ}$  while Baghdad is at longitude  $45^{\circ}$  east. If a news broadcast from London is at 10.00am, at what time will news be heard in Baghdad?

- 7.00am
- 2.00pm
- 1.00pm
- 12.30pm



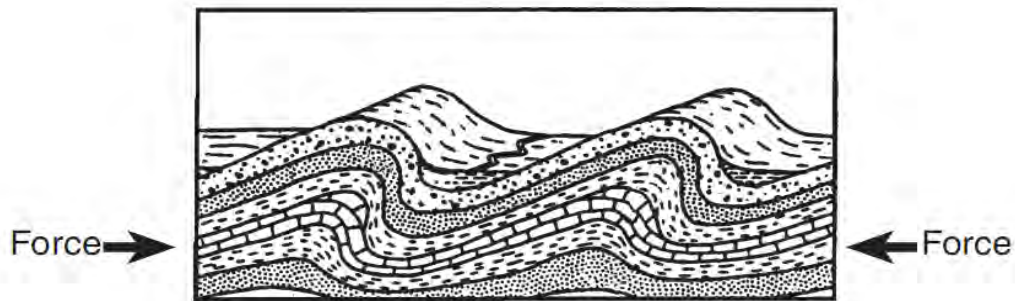
5. The diagram below shows three stages in the formation of a beach.



Which process is mostly responsible for the breaking down of the rock cliff into sand-sized sediment?

- A. Weathering    B. Faulting    C. Folding    D. Precipitation

6. The diagram below shows a cross section of rock layers in Earth's crust.



The forces shown in the diagram caused the rock layers to

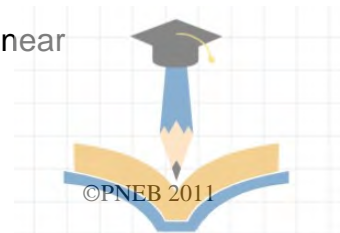
- A. fault    B. fold    C. form    D. expand

7. Which term refers to the atmospheric conditions that prevail from season to season and year to year at a certain location?

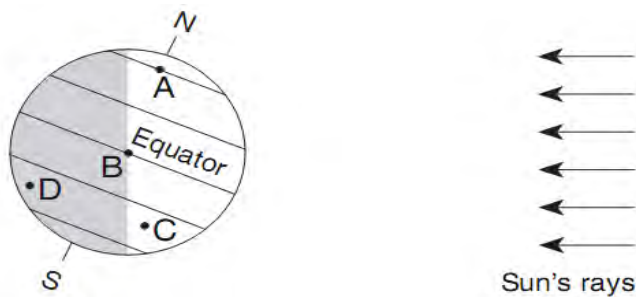
- A. Weather    B. Climate    C. Equilibrium    D. Ecosystem

8. All of the following are patterns of settlement except;

- A. Urbanized    B. Dispersed    C. Nucleated    D. Linear

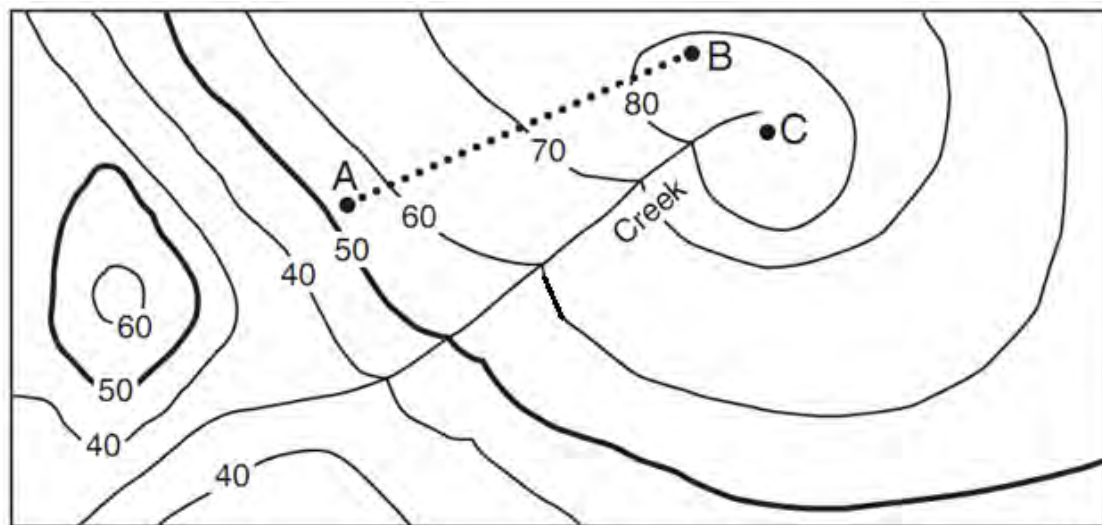


9. The diagram below shows Earth as seen from space. Letters A through D are locations on Earth's surface.



When Earth is in this position, which location would experience the greatest number of day-light hours?

- A. A                      B. B                      C. C                      D. D
10. The topographic map below shows the elevation of land in feet above sea level. Points A, B, and C are locations on the map. A camper walked from point A to point B by taking a path shown by the dotted line. What is the approximate distance the camper walked?



Contour interval = 10 feet



- A. 1.5 km                      B. 2.5 km                      C. 3.0 km                      D. 3.5 km



**PART TWO: Structured Questions [70 marks]. Answer all the ten questions in the space provided.**

**QUESTION ONE ( 6 Marks)**

a) Define the terms [ 2 marks]

i) Transport

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.....  
.....

ii) Communication

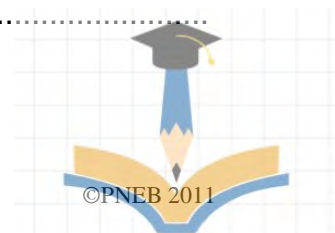
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b). State two advantages of road transport. [ 2 marks]

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c) Explain two ways in which communication contributes to economic development of Puntland. [ 2 marks]

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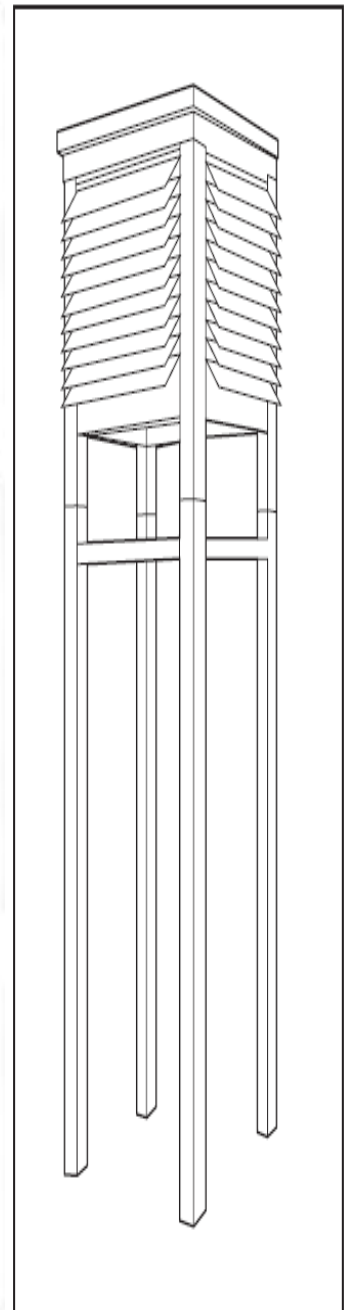
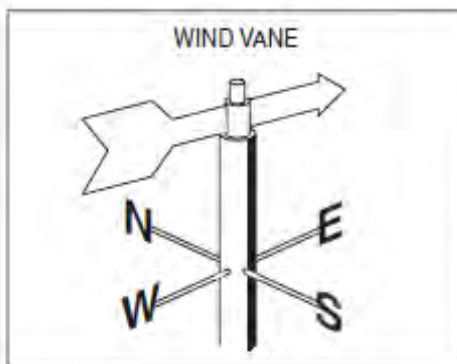
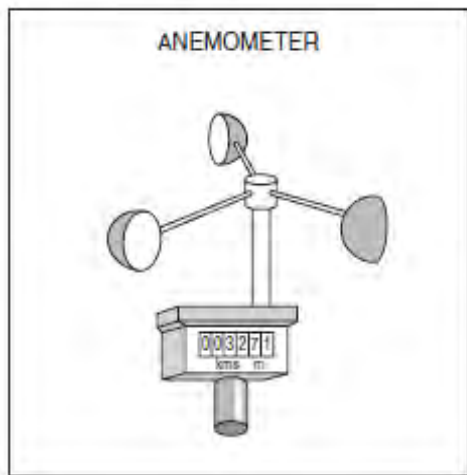
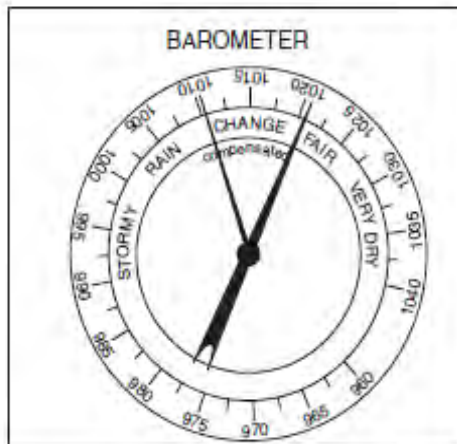
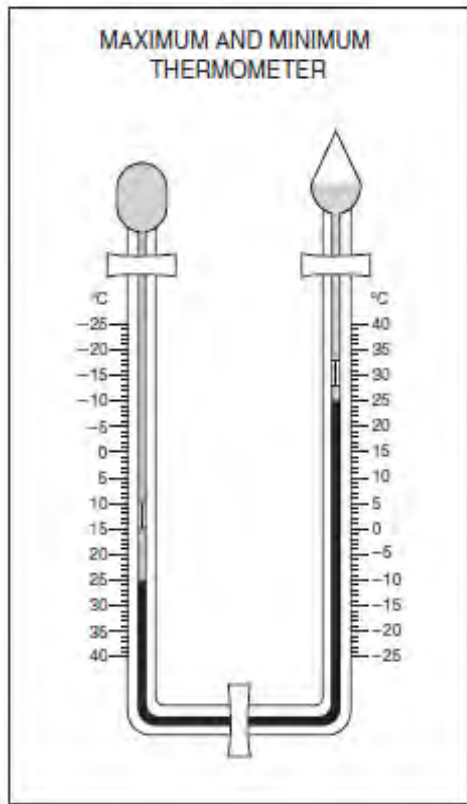


**QUESTION TWO ( 8 Marks)**

a) Study Figure A and B. Figure A shows instruments used at a weather station and Figure B shows the wooden box in which some of these instruments are kept.

**FIGURE A**

**FIGURE B**





i) What is the name of the wooden box shown in Figure **B** called?  
..... [1 mark]

(ii) Identify the **two** instruments shown in Figure **A** which are kept in the wooden box  
(Figure B). [2 marks]

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.....  
.....

(iii) Explain why the wooden box ( Figure B):

a) is painted white;  
.....  
.....  
.....

b) has slatted sides;  
.....  
.....  
.....

c) has legs which raise it above the ground.  
.....  
.....  
..... [3 marks]

(iv) Describe where the wooden box should be sited, within a school or weather station.  
Give reasons for your answer. [2 marks]

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**QUESTION THREE ( 7 Marks)**

a) What is livestock farming? [ 1 marks]

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b) What is nomadic pastoralism? [1 marks]

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c) With respect to number of animals, land, diseases, etc, describe the characteristics of nomadic pastoralism in Puntland. [3 marks]

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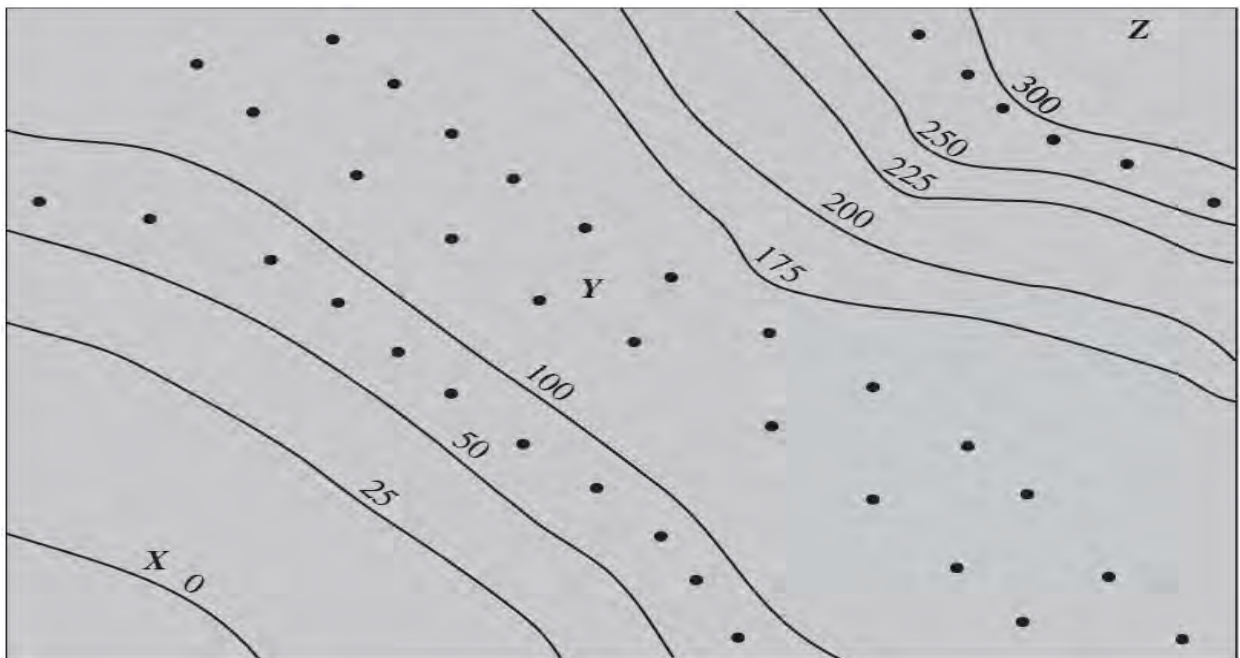
d) Explain two measures that the government should take to improve pastoral farming in Puntland. [ 2 marks]

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**QUESTION FOUR ( 8 marks)**

Study the map below. Then answer Questions i- vi.



i). State the V.I. (Vertical Interval) of the map [1 mark]

.....

ii). Four of the contour lines are shown by dots. Join each set to form a contour line.  
Write in its height. .... [2 mark]

iii). State the height of the highest contour line. .... [1 mark]

iv). Write in the word **sea** in its correct location. [1 mark]

v). If a man stands at X and looks at Y, would he be looking uphill or downhill? [1 mark]

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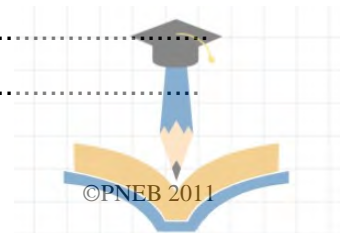
vi) Which is steeper X to Y or Y to Z?  
.....  
.....[1mark]

vii) Explain your answer. [2 mark]

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**QUESTION FIVE ( 10 Marks)**

(a) Explain the following terms:

[2 marks]

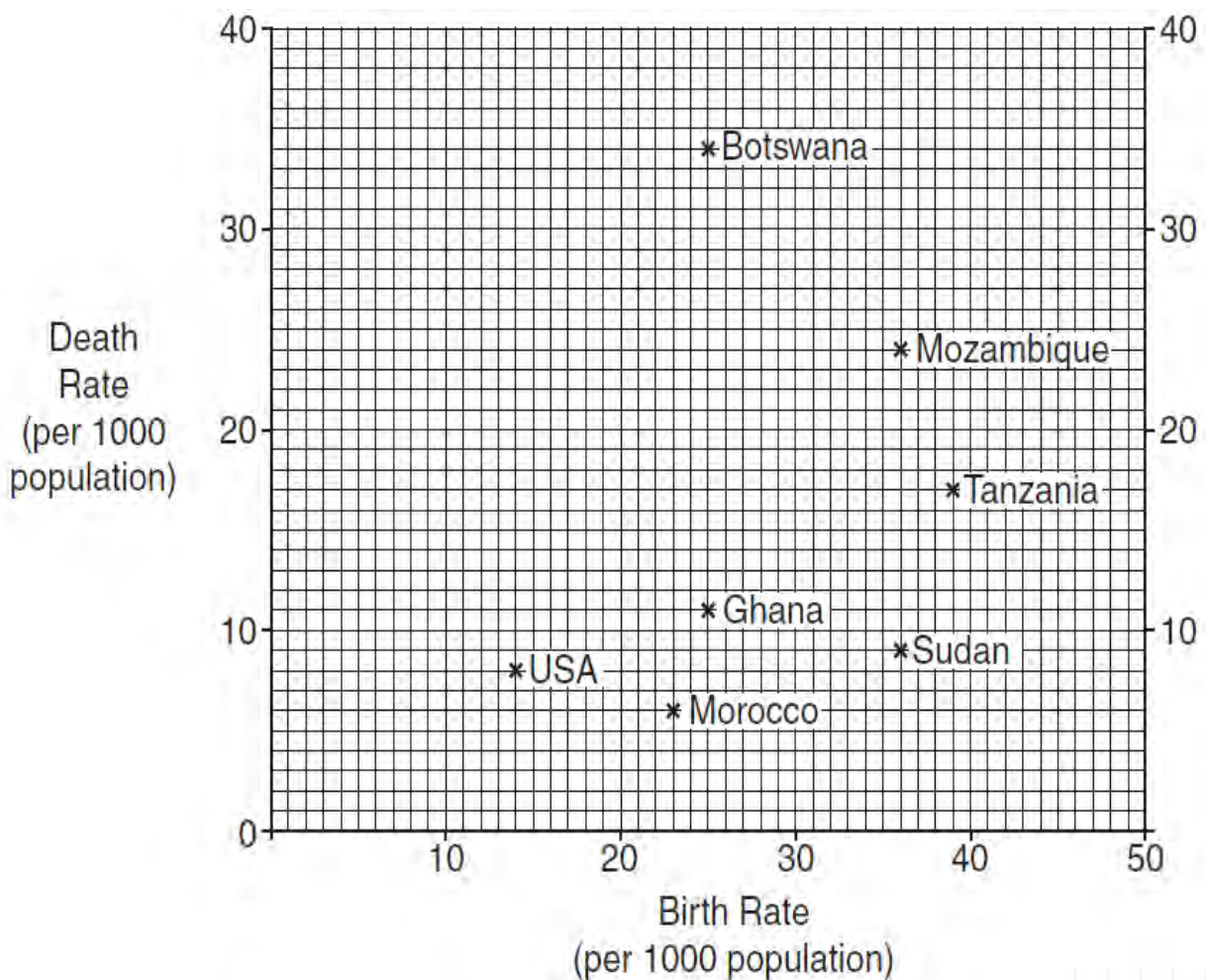
(i) Death Rate

.....  
 .....

(ii) Life Expectancy

.....  
 .....

(c) Study Figure. 1, a scatter graph which shows the birth and death rates of seven countries in 2004.



(i) Name the country with a birth rate of 36 per 1000 and a death rate of 24 per 1000.

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

(ii) Calculate the natural population growth rate of Tanzania. You must show your working.

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

(iii) Name the country shown on Figure 1 which experienced:

a). the highest rate of natural population growth,

.....  
b). natural population decline.  
.....[ 2 marks]

(d) With reference to Puntland, explain why the government may be concerned by a rapid growth of population.

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

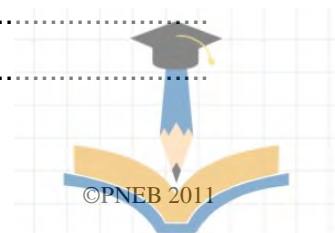
**QUESTION SIX ( 4 Marks)**

a). Distinguish between aridity and desertification [2 marks]

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b). State two negative effect of desertification. [2 marks]

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**QUESTION SEVEN ( 8 MARKS)**

a) i). What is weathering [ 1 marks]

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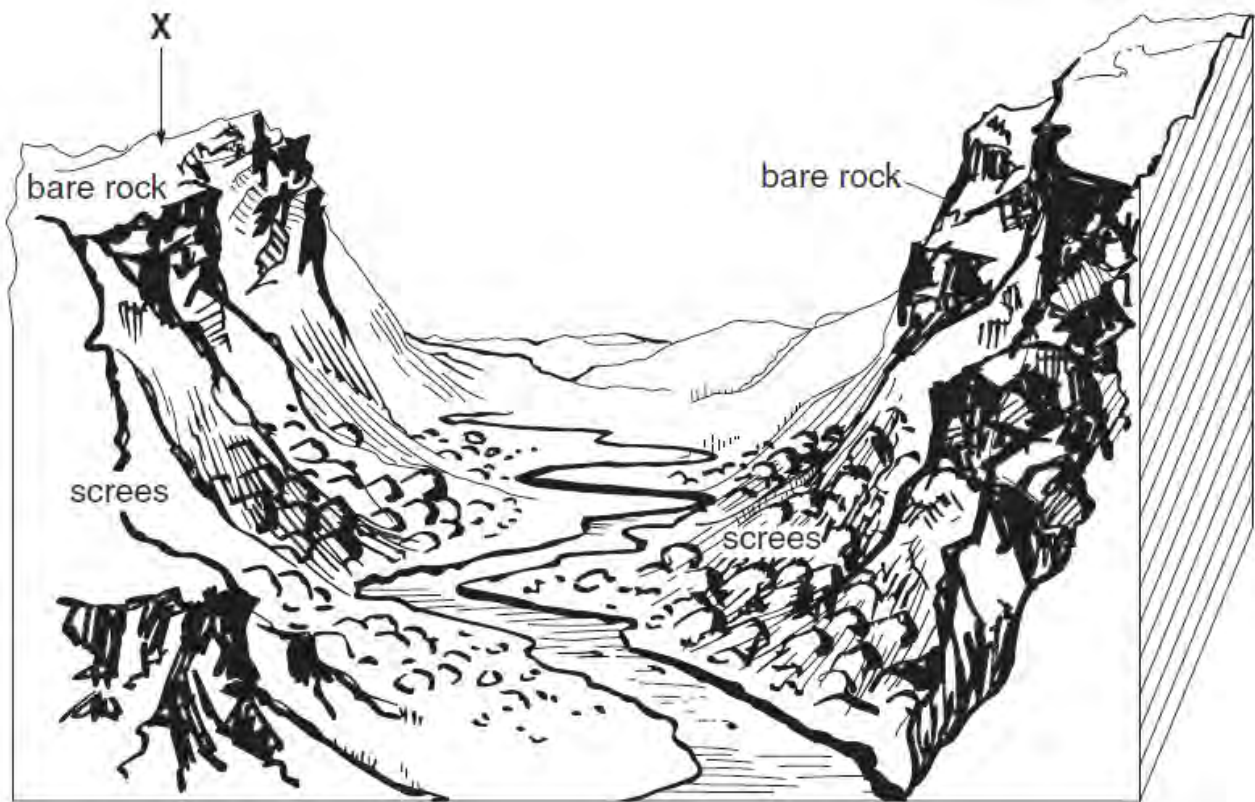
ii). List two factors which influence weathering [2 marks]

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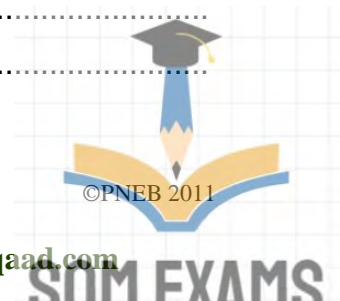
b) Study the Figure below, which is a block diagram of an upland area in a temperate region.



(i) State **one** piece of evidence that weathering has taken place in the area shown by Figure. [1 mark]

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(ii) What is the difference between *weathering* and *erosion*? [2 marks]

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(iii) Name and describe **two** processes by which the river may erode its channel in the area shown by the Figure. [2 marks]

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**QUESTION EIGHT ( 7 Marks)**

a) Define the term 'industry'. [1 marks]

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b) State two problems facing industries in Somalia. [2 marks]

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c) Briefly explain any two factors that influence the location of industries [2 marks]

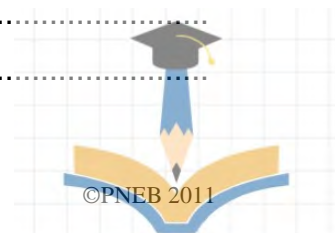
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d) With respect to industrialization, describe two measures that should be taken to control Rural- Urban migration in Puntland. [ 2 marks]

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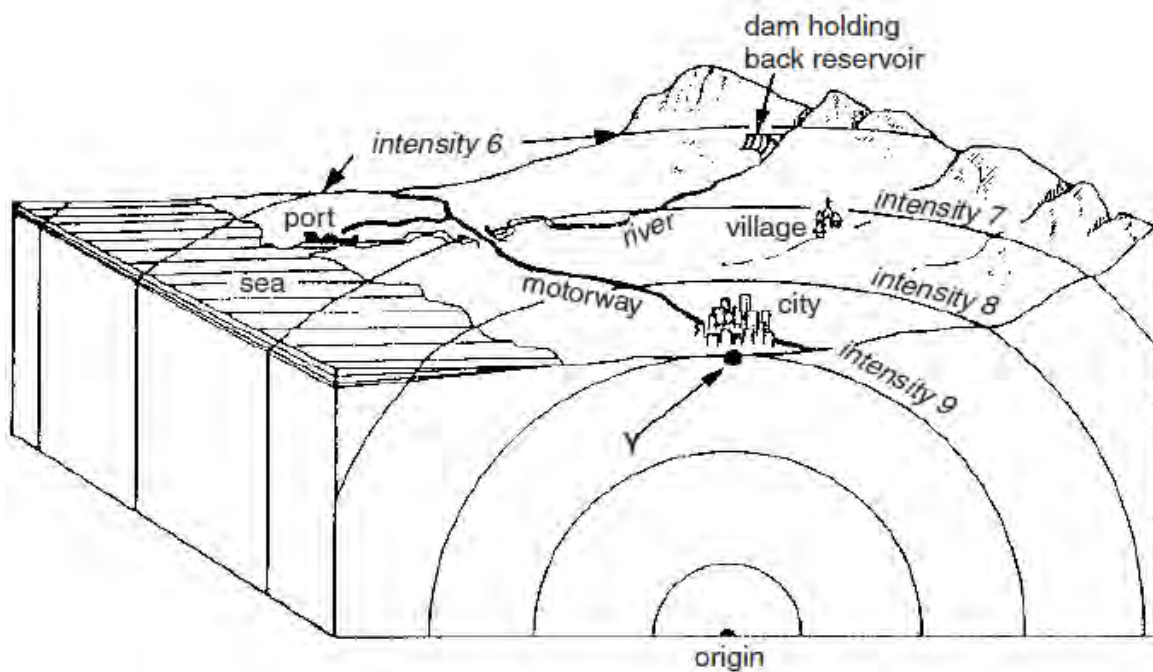
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**QUESTION NINE ( 7 Marks)**

In 2004, an earthquake in Indonesia caused a Tsumani that affected Eyl in Puntland. In 2011, an earthquake near Japan caused a Tsunami that extensively damaged Japan. The Figure below shows an area affected by an earthquake.



(i) Define the term 'vulcanicity'. [ 2marks]

.....

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(ii) What is the term used for the point Y, shown on the Figure, which is on the earth's surface directly above the origin of the earthquake? [1 mark]

(iii) Which of the settlements, shown on the Figure, is likely to experience the greatest damage as a result of the earthquake? Give one reason for your answer. [2 marks]

(iv) Apart from damage to settlements, suggest two other problems which might be the result of the earthquake in the area shown in Figure. [2 marks]

**QUESTION TEN ( 5 Marks)**

a) What is land pollution? [ 1 marks]

b) Explain two effects of land pollution on the Puntland environment. [ 2 marks]

c) Give two reasons why we need to manage and conserve the environment in Puntland.

[ 2 marks]



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