

**Geography**

**SENIOR FOUR END OF YEAR EXAMINATIONS, 2019**

**SUBJECT: GEOGRAPHY**

**DURATION: 2 HOURS**

**INSTRUCTIONS:**

1. Write your names and class on the answer booklet
2. Do not open this question paper until you are told to do so.

3) This paper has **TWO** sections **A** and **B**

 **SECTION A**: Attempt all questions. **(50 marks)**

 **SECTION B**: Attempt all questions. **(50 marks)**

 4) Use a **blue** or **black** pen.

**SECTION A**: **Attempt all questions (50 marks)**

1) Describe the characteristics of topographic maps. **(3marks)**

2) Explain how a sedimentary rock becomes a metamorphic rock? **(2marks)**

3) a) Differentiate between Impelled Migration and Seasonal Migration. **(2marks)**

 b) Explain the negative effects of migration to the country of destination. **(5marks)**

4)Describe three ways through which the strength of an earthquake is measured. **(4marks)**

5)**Explain how climate affects the flora and fauna in a country. (6marks)**

6) Explain the reasons for establishment of village settlement schemes in Rwanda.  **(6marks)**

7) Describe two factors that cause metamorphic rocks to form. **(4marks)**

8) Study the photograph below and explain the social and economic challenges the people in the photograph are likely to face.  **(5marks)**



9) Compare and contrast mechanical and chemical weathering. **(4marks)**

10) Explain how sediments become a sedimentary rock. **(3marks)**

11) Explain how the amount of precipitation affects the amount of weathering. **(3marks)**

12) Explain how the following factors influence climate in Rwanda:

## a) The shape of the land. (3marks)

 b) Prevailing winds. **(2marks**)

**SECTION B: Attempt all questions. (50marks)**

13) You intend to carry out a field study on the effects of mass wasting on the local environment.

a) Describe two methods of data collection that you would use for the study. **(4marks)**

 b) Explain four negative effects of mass wasting on the physical environment two follow-up activities you would be involved in after the d study. **(2marks)**

14) a) Describe the any three main causes of sheet erosion. **(3marks)**

 b) Suppose you are appointed to be an agricultural extension officer in your district, show how you would conserve sheet erosion. **(7marks)**

15) With help of examples discuss the significance of the relief features to the development of Rwanda. **(10marks)**

16) a) Differentiate between industrialization and urbanization. **(2marks)**

 b) With the aid of examples, discuss the effects of urbanizations to socio-economic developments of Rwanda. **(8marks)**

17) Discuss the setbacks hinders the development of energy production in Rwanda. **(10marks)**