

SC2043  
WASSCE 2020  
GEOGRAPHY 3  
Practical & Physical  
Geography  
1 hour 50 minutes

Name.....

Index Number.....

THE WEST AFRICAN EXAMINATIONS COUNCIL  
West African Senior School Certificate Examination  
for School Candidates

SC 2020

GEOGRAPHY 3

1 hour 50 minutes

*Do not open this booklet until you are told to do so. While you are waiting, write your name and index number in the spaces provided at the top right-hand corner of this booklet and thereafter, read the following instructions carefully.*

*Answer question 1 and any three others. Question 1 carries 25 marks while others carry 15 marks each.*

ELEMENTS OF PRACTICAL AND PHYSICAL GEOGRAPHY

Answer question 1 and any three others.

Question 1 carries 25 marks while other questions carry 15 marks each.

You are advised to spend **not more than 35 minutes** on Question 1.

1. Study the map extract provided on a scale of 1 : 50,000 and answer the questions that follow.
- (a) Using a vertical scale of 1 cm to 50 feet, draw an annotated cross profile along line X–Y. [13 marks]
- (b) Calculate the length of the minor road from the dispensary at Uhomora to Ugiavon. [6 marks]
- (c) Identify **three** human features and **three** physical features that are visible from the road as one travels from Uhomora to Aviosi. [6 marks]
2. The countries listed in Table X below contributed money as indicated for a joint project in the year 2017. Use the data in the table to answer the questions that follow.

Table X

Country	Amount Contributed
A	\$ 35,000
B	\$ 60,000
C	\$ 45,000
D	\$ 80,000
E	\$ 30,000

- (a) Represent the data in Table X on a **vertical** divergent bar graph. [14 marks]
- (b) State **one** use of divergent bar graph. [1 mark]
3. (a) List **five** factors that affect climate. [5 marks]
- (b) Highlight **five** characteristics of Equatorial climate. [10 marks]
4. (a) Define *weathering*. [3 marks]
- (b) Identify **three** factors that affect weathering. [6 marks]
- (c) Describe the processes of *exfoliation*. [6 marks]

- 3
5. (a) State **two** differences between *weather* and *climate*. [4 marks]
- (b) Name the instruments used in measuring the following weather elements:
- (i) sunshine; [1 mark]
  - (ii) rainfall; [1 mark]
  - (iii) cloud cover. [1 mark]
- (c) Explain how wind speed is measured and recorded with anemometer. [8 marks]
6. (a) List **five** landforms found in the upper course of a river. [5 marks]
- (b) Highlight **three** differences and **two** similarities between an *alluvial fan* and a *delta*. [10 marks]
7. (a) Define *climate*. [2 marks]
- (b) Draw the globe and show the **three** climatic belts of the *Greek system* of classification. [4 marks]
- (c) List **three** areas of hot desert climate. [3 marks]
- (d) Outline **three** characteristics of hot deserts. [6 marks]
8. (a) Define *atmospheric pollution*. [3 marks]
- (b) List **four** major sources of air pollutants. [4 marks]
- (c) Highlight **four** effects of atmospheric pollution. [8 marks]

**END OF PAPER**