ST.MARIE EUGENIE GIRLS SECONDARY SCHOOL

FORM FIVE HOME PACKAGE

GEOGRAPHY -1

TIME \_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ MARCH 2020

INSTRUCTIONS

 This paper consist of section A and B

 Answer only two questions in section A and three (3) question from section B. Question

number one is compulsory.

 Map extract of Uyole sheet 245/3 will be provided.

 Be relevant and straight to the point

 Credits will be added for the use of relevant diagram and maps.

SECTION A: 40 MARKS

PRACTICAL GEOGRAPHY

Answer only two question in this section and question

number one is compulsory.

1. Carefully study map extract of UYOLE sheet 245/3 series Y742 and answer question that

follow.

i. Calculate area covered by lake Tanganyika North of grid reference “10” and East

of grid reference “69”

ii. Determine the length POROTO RIDGE FOREST RESERVE in Kilometer from

(550O68) to (650064) in Kilometer.

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iii. Describe the nature and distribution of vegetation in the given area.

iv. a. comment on type of settlement found in the mapped area.

b. Suggest three reasons that influence people to settle in the area.

v. Two bearings i.e. 185⁰ and 247⁰ were taken from the two fixed points i.e.

Mbeya hill grid reference 575135 and sintumbi hill 595105 to magic tree in

poroto ridge reserve respectively, then you are required to.

a) State the position of the magic tree in poroto ridge reserve (use grid

reference).

b) Determine the forward bearing of the same two fixed points from the

magic tree location.

2. a. What do you understand by the term levelling?

b. With the aid of diagrams illustrate the principles of levelling by:-

i. the height of collimation method

ii. the rise and fall method

3. Carefully study the climate data provided below then answer questions that follow.

MEAN MONTHLY TEMPERATURE AND RAINFALL OF STATION

MONTH J F M A M J J A S O N D

JEMP ⁰C 25 25 24.5 24.6 24.2 24 24 24 24 24.4 24 24.5

RAIN FALL (MM) 40 68.5 150 230 206 114 64 84 194 226 150 50.8

a) Display the above data by means of polar chart

b) State 3 merits and 3 demerits of using polar chart

4. a. Define hypothesis

b. Describe any seven characteristics of a good hypothesis.

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SECTION B: 60 MARKS

PHYSICAL GEOGRAPHY

Answer only three questions in this paper

5. Mechanical and chemical weathering in the tropics are related and influenced by the

same factors: Elaborate.

6. a. Point out zones common to Earth quakes to occur.

b. Analyze six causes of earth quakes.

7. a. Atmosphere is not vacuum place “Justify the statement

b. Explain any four (4) points on how the atmosphere of the earth supports

life.

8. “Continental draft is widely accepted theory of formation of today’s continent” By using

your knowledge validate the statement.

9. Provide evidences to provide the oblate sphericity and curved shape of the earth.