

STANDARD HIGH SCHOOL, ZANA
P250/1
GEOGRAPHY
(Physical Geography)
Paper I
2020
3 hours

STANDARD HIGH SCHOOL ZZANA
UGANDA ADVANCED CERTIFICATE OF EDUCATION
MID TERM ONE EXAMINATIONS 2020

GEOGRAPHY

PAPER I

3 HOURS

Answer **four** questions in all.

Section A is compulsory.

Answer **one** question from Section B and **one** from Section C.

Credit will be given for the use of relevant sketch maps and diagrams and specific examples studied in the field.

Any additional question(s) attempted will **not** be marked.

FORWARD SCANNED ANSWERS TO stahiza2020@gmail.com

SECTION A: MAP WORK AND PHOTOGRAPHIC INTERPRETATION

1. Study the 1:50,000 (UGANDA), **NAMWENDWA** Map extract; Series Y732, part of sheet, 62/2; Edition 1-U.S.D. and answer the following questions.
- (a) State the:
- (i) Grid reference of the dry weather road junction at Naigobia trading centre. *(1 mark)*
- (ii) Man-made feature at grid reference 357997. *(1 mark)*
- (b) (i) Calculate the amplitude of relief of the area west of easting 32 and south of northing 96. *(2 marks)*
- (ii) Measure and state in km of the distance of the railway line from the level crossings of Nawanyago (grid reference 324011) to Busanda (grid reference 425013) *(1 mark)*
- (c) (i) Draw a cross section of the area between Namwendwa secondary trigonometrical station (grid reference 301018) to Budhana swamp (grid reference 320930) and on it mark and name the following:
- Hills
 - Swamp
 - Administrative boundary
 - Transport routes *(10 marks)*
- (ii) Calculate the vertical exaggeration of the cross section. *(2 marks)*
- (d) With evidence from the map extract, identify the economic activities carried out in the area. *(8 marks)*

2. Study the photograph provided below and answer the questions that follow.



- (a) (i) Giving reasons, state the type of photograph provided. *(2 marks)*
(ii) Draw a landscape sketch of the area shown in the photograph and mark and label the: on it
- Dam
 - Power house
 - Transport route
 - Settlements
 - Industry
 - Direction of flow of the river (use arrows) *(9 marks)*
- (b) Examine the physical factors that have favoured the construction of the dam. *(6 marks)*
- (c) Explain the contribution of the dam to the development of the surrounding areas. *(6 marks)*
- (d) Giving reasons for your answer, suggest an area in East Africa where the photograph could have been taken. *(2 marks)*

SECTION B:

3. (a) What is meant by a glacier? *(5 marks)*
(b) Examine the formation of geomorphological features resulting from glacial erosion in some highland areas of East Africa. *(20 marks)*
4. (a) Draw a sketch map of East Africa and on it mark and name:
(i) Graben lakes: Turkana, Albert and Tanganyika
(ii) 2 composite volcanoes *(6 marks)*
(b) Account for the formation of the composite volcanoes in 4 (a) above. *(19 marks)*
5. Examine the factors that have led to the occurrence of landslides in highland areas of East Africa. *(25 marks)*

SECTION C:

6. (a) What is meant by the following
(i) Anabatic winds
(ii) Katabatic winds *(10 marks)*
(b) Describe the weather conditions associated with the winds identified in 6 (a) above *(15 marks)*
7. Examine the influence of Latitude on natural vegetation distribution in Africa *(25 marks)*
8. Explain the causes and effects of soil erosion in the highland areas of East Africa. *(25 marks)*

END