

**OCER CAMPION JESUIT COLEGE**

**END OF TERM 2 EXAMINATIONS**

**SENIOR FIVE 2022**

**PHYSICAL GEOGRAPHY P250/1**

**INSTRUCTIONS TO CANDIDATES**: Attempt four questions.

**SECTION A: COMPULSORY MAPWORK**

1. Study the 1:50,000 (UGANDA) LAKE NAKIVALI map extract, series Y732; part of sheet 86/4 Edition 4 U.S.D and answer the questions that follow.
2. state the grid reference of;
3. The borehole north east of Busenga.
4. physical feature at grid reference 614062. **(02 marks)**
5. determine the;

direction of Bugarama other trigonometrical station GR 611160 from the air photo principle point north East of Busenga GR 569136.

Bearing of the road junction near Mabona dispensary GR 529078 from the water tank at Makiro GR 519037**.**

The detour index of the dry weather road from Kabingo road junction grid reference 553143 to the junction at 539166 **(06 marks)**

1. Draw a relief section of the area between G.R 530110 and G.R 600090 and on it mark and name;
2. A hill
3. 2 communication lines
4. A valley
5. Papyrus swamp
6. Lake nakivali and a county boundary **(08 marks)**
7. Describe the;
   * 1. Relief of the area shown on the map **(04 marks)**
     2. Relationship between relief and landuse on the map. **(05 marks)**

**SECTION B**

1. Examine the influence of internal processes on the development of relief landforms in East Africa. **(25 marks)**
2. a) what is faulting? **(05 marks)**

b. Explain the process responsible for the formation of mountain Rwenzori.

**(20 marks)**

1. Account for the formation of rocks in East Africa. **(25 marks)**

**SECTION C**

1. Describe the processes responsible for soil formation in East Africa. **(25 marks)**
2. To what extent has the nature of the parent rock influenced soil formation in east Africa? **(25 marks)**
3. a) Distinguish between environmental lapse rate **(ELR)** and adiabatic

lapse rate **(ADLR**) **(06 marks)**

* 1. Examine the factors which influence environmental lapse rates in East Africa.

**(19 marks)**

**\*\*\*IT’S POSSIBLE\*\*\***