

**GHS S.1 GEOGRAPHY MARKING SCHEME**  
**EOT III - NOVEMBER 2013**

**SECTION A: MAPWORK**

1. The **1:50,000 (UGANDA) BUGONDO** map extract. Answer the questions.

- a) (i) 1:50,000 (2 marks)  
(ii) 1 unit on the map represents 50,000 units on the ground. (2 marks)
- b) **Grid references:**  
(i) <sup>(3) (4)</sup> 282733 **or** <sup>(5) (3)</sup> 314732 (2 marks)  
<sup>(2)</sup>  
<sup>(7) (3)</sup>  
(ii) 316742 (2 marks)  
<sup>(5)</sup>
- c) **Naming features:**  
(i) Pier (2 marks)  
(ii) Dam/Pond (2 marks)
- d) **Ground distances:**  
(i) 5.8 kms (5.6 – 6.0 kms) (2 marks)  
(ii) 2.0 kms (1.9 - 2.1 kms) (2 marks)
- e) (i) **Sub-counties:**  
  - Bululu
  - Bugondo2 x 1 = (2 marks)
- (ii) **Drainage features:**  
  - Lakes e.g. Lake Kojweri
  - Bays e.g. Kopine Bay
  - Rivers/water courses e.g. Owimya, Kabala, Kamuka etc.
  - Dams e.g. at grid reference 295753
  - Papyrus swamps e.g. around the lake
  - Seasonal swamps e.g. Nyakomodoyi, Kowule etc.Any 2 x 1 = (2 marks)

## SECTION B: GENERAL GEOGRAPHY

2. Table showing the Precipitation and temperature figures for Station A

a) **Stating figures:**

i) 19 °C

(1 mk)

ii) September

(1 mk)

b) Calculation of the:

i) **Annual range of temperature.**

= Highest temperature – Lowest temperature

$$= 19 - 1$$

$$= 18^{\circ}\text{C}$$

(2 mks)

ii) **Mean annual precipitation.**

=  $\frac{\text{Sum of the monthly precipitation totals}}{\text{Number of years}}$

$$= 50 + 45 + 55 + 45 + 55 + 70 + 80 + 70 + 40 + 60 + 55 + 50 = 675$$

$$= \frac{675}{1}$$

$$= 675 \text{ mm}$$

(2 mks)

c) **Characteristics of the climate experienced at Station A.**

- Moderate or low precipitation of 675 mm is received.
- Precipitation is well distributed throughout the year i.e. there is no dry month.
- There is a single maxima/one peak of precipitation i.e. from June to August.
- Periods/months of high temperatures are generally characterized by high or heavy precipitation.
- Generally low/cool temperatures are experienced i.e. an average of 8.4°C (8 – 9°C).
- There is a high temperature range of 18°C.
- It is a temperate type of climatic condition.

Any 4 x1 = (4 mks)

