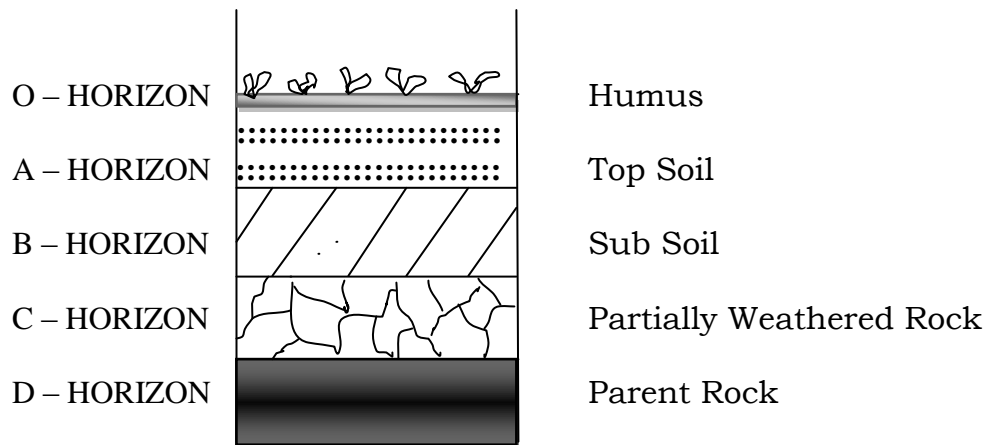


1. (a) Naming latitudes:
- | | | | |
|------|--------|----------------------------|-----------------|
| (i) | 0° | Equator | (1 mark) |
| (ii) | 23½° S | Tropic of Capricorn | (1 mark) |
- (b) Naming longitudes:
- | | | | |
|------|------|---|-----------------|
| (i) | 0° | Prime Meridian/ Greenwich meridian | (1 mark) |
| (ii) | 180° | International Dateline | (1 mark) |
2. (a) The two (2) planets closest to the Sun.
- **Mercury** **(1 mark)**
 - **Venus** **(1 mark)**
- (b) Characteristics of the earth's inner core.
- **It is spherical or oval in shape.**
 - **It is solid in nature.**
 - **It is made up of rocks of high density mainly iron and nickel.**
 - **Temperatures may be as high as 5500°C**
- Any 3 x 1= (3 marks)*
3. (a) Time in areas along the following meridians:
- | | | | |
|------|-----------|--------------------|-----------------|
| (i) | 60° East | 03.00 hours | (1 mark) |
| (ii) | 22½° West | 21.30 hours | (1 mark) |
- (b) Time at the following places:
- | | | | |
|------|-----------------|--------------------|-----------------|
| (i) | Accra, Ghana. | 09.00 hours | (1 mark) |
| (ii) | Along 30° West. | 07.00 hours | (1 mark) |
4. (a) Effects of the earth's rotation
- **Occurrence of days and nights.**
 - **Creation of a one hour difference between meridians 15° apart.**
 - **Daily rising and falling of tides.**
 - **Deflection of air masses and winds.**
 - **Deflection of ocean currents.**
- Any 4 x 1= (4 marks)*
- (a) The latitudinal regions of the world
- **Tropical region**
 - **Temperate region**
 - **Arctic/Antarctic region**
 - **Polar region**
- 4 x 1= (4 marks)*

5. (a) Well labelled diagram of an idealized soil profile.



The 5 correctly marked and labelled Horizons i.e. $5 \times 1 = (5 \text{ marks})$

(b) Reasons why soils are important to man.

- **Soils are used for the growing of crops i.e. used for cultivation (farming).**
- **Laterite soils are used for road making i.e. resurfacing murrum roads.**
- **Clay soils are used for pottery or ceramics.**
- **Soils are a source of raw materials for industrial development e.g. clay and loam soils are used for brick making and sandy soils are used for making sand blocks.**
- **Clay and sandy soils are used for buildings or construction purposes.**
- **Some soils contain minerals of economic value.**
- **Soils provide a habitat for wildlife i.e. tiny living organisms, nematodes etc.**
- **Soils are used for research and study purposes.**
- **Some soil types are tourist attractions i.e. promote geo-tourism.**
- **Some clay soils are used for medical purposes especially by expectant mothers.**
- **Soils provide a medium for burying the dead.**

Any 5 x 1 = (5 marks)

6. (a) The constituents of soil.

- **Rock particles (inorganic matter)**
- **Humus (organic matter)**
- **Tiny living organisms (bacteria etc.)**
- **Water (moisture)**
- **Air (gases)**

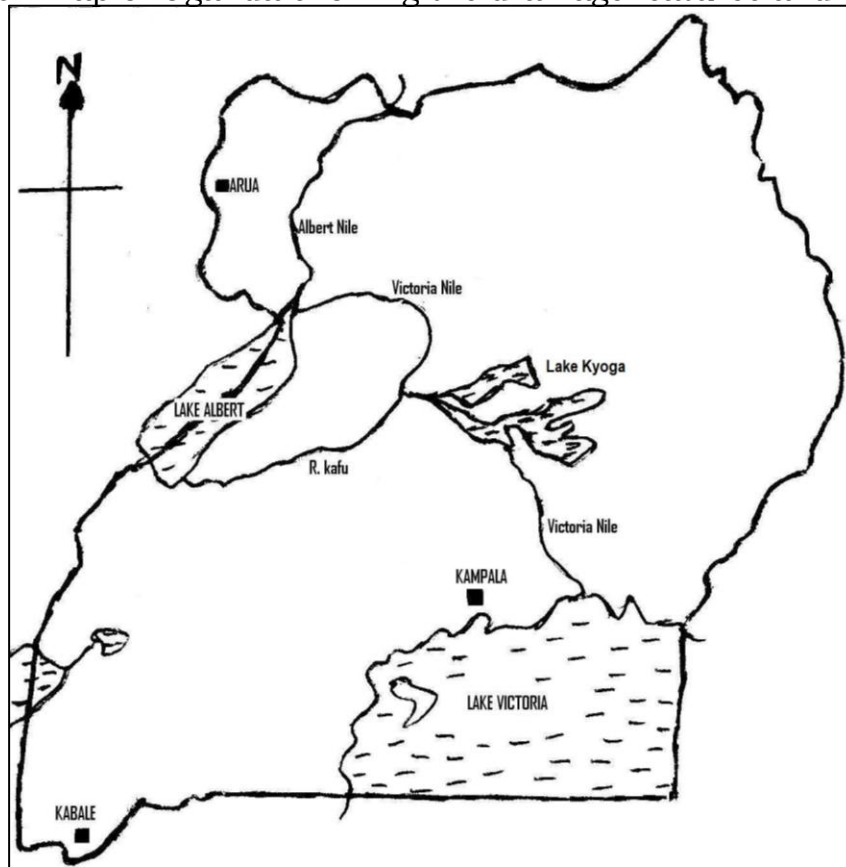
5 x 1 = (5 marks)

(b) The characteristics of clay soil.

- **Dark grey in colour**
- **Have fine particles/tiny particles/fine texture**
- **Are sticky or plastic in nature when wet**
- **Poorly drained/water logged**
- **Deep soils**

Any 3 x 1= (3 marks)

7. A sketch map of Uganda showing the drainage features and towns.



(a) Lakes: Victoria, kyoga and Albert

1 mark@ = (3 marks)

(b) River: Nile and Kafu

1 mark@ = (2 marks)

(c) Towns: Kampala, Arua and Kabale

1 mark@ = (3 marks)

Marginal information:

- **Title/ Heading**
- **Compass direction**
- **Frame**

(1 mark)

(1 mark)

(1 mark)

TOTAL MARKS = 50