

Answer **all** the questions.

1. (a) Name the following latitudes.
  - (i)  $0^{\circ}$  **(1 mk)**
  - (ii)  $23\frac{1}{2}^{\circ}$  S **(1 mk)**
  
- (b) Name the following longitudes.
  - (i)  $0^{\circ}$  **(1 mk)**
  - (ii)  $180^{\circ}$  **(1 mk)**
  
2. (a) Name the two (2) planets closest to the Sun. **(2 mks)**
- (b) Give any three (3) characteristics of the earth's inner core. **(3 mks)**
  
3. (a) In case the time at the Prime meridian is 23:00 hours, what would be the time in areas along the following meridians:
  - (i)  $60^{\circ}$  East **(1 mk)**
  - (ii)  $22\frac{1}{2}^{\circ}$  West **(1 mk)**
  
- (b) In case the time in a place along Longitude  $45^{\circ}$  East is 12:00 hours, what would be the time at the following places:
  - (i) Accra. **(1 mk)**
  - (ii) Along  $30^{\circ}$  West. **(1 mk)**
  
4. (a) Mention the effects of the earth's rotation. **(4 mks)**
- (b) Identify the latitudinal regions of the world **(4 mks)**
  
5. (a) Draw a well labelled diagram of an idealized soil profile. **(5 mks)**
- (b) Give five (5) reasons why soils are important to man. **(5 mks)**
  
6. (a) Mention the constituents of soil. **(5 mks)**
- (b) Identify the characteristics of clay soil. **(3 mks)**
  
7. Draw a sketch map of Uganda and on it mark and label the following:
  - (a) Lakes: Victoria, Kyoga and Albert
  - (b) River: Nile and Kafu
  - (c) Towns: Kampala, Arua and Kabale **(11 mks)**