

**GEOGRAPHY 273/1 ACTIVITITY OF INTEGRATION S.1**

**CHAPTER 5: THE EARTH AND ITS MOVEMENTS**

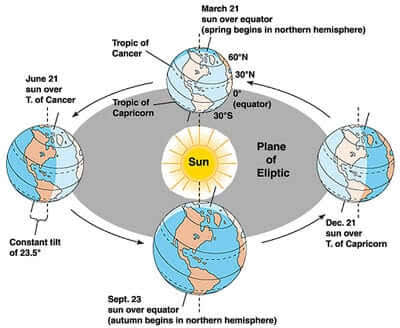
**Time 1 hour 20 minutes**

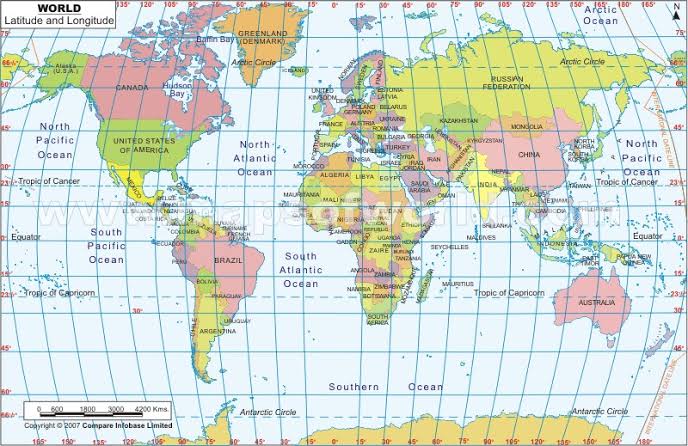
**Instructions: *Read the scenario below carefully and give the right responses to the tasks as required.***

**Scenario**: The study of the earth and position of planets and stars have been a fascinating one, During the times of the early Greeks, the earth was believed to be a ***disc-like*** object floating on water and that the sun was the centre of the universe. By 5th century BC it was widely accepted that the earth was a ***sphere.*** In the 5th century BC, **Empedocles** and **Anaxogoras** offered arguments for the spherical earth. During a lunar eclipse, when the earth is between the sun and the moon, they identified the shadow of the earth on the moon, as the shadow moves around the moon it is clearly round suggesting the earth is a ***sphere***.

The movements of the earth too raised a debate on whether it is the sun that moves around the earth or the earth moving around the sun. And it was believed it’s the sun that moves around the earth and this movement had an impact on the way of life of the people on the earth. Up to date, some group of illiterate members in your community still believe in the early Greek arguments and mythology that the sun moves around the earth.

**Support materials**





**Task:**

1. As a student of geography who has studied the earth and its movements, what advice do you give to the illiterate community members and the early Greeks about the shape, different movements of the earth and the effects of those movements on the way of life of people on earth?
2. Your friend proposed to invite you for a visit on the 25th of December to an area located 600N,1200W through a telephone call, you received the phone call at 8:00am at your place located 50N,320E. What time was it in the country your friend is located by the time he or she made the telephone call? Basing on the ideas learnt in (a) above, which clothes would you be likely to carry along with during the visit and the reasons why you chose them?

**\*\*\*IT’S POSSIBLE\*\*\***