**FORM ONE GEOGRAPHY CAT TERM ONE 2021**

**Marking scheme**

**1.Define the following terms**

**a)Geography (1mk)**

*scientific study of the description of earth as the home of mankind*

**b)Environment (1mk)**

*environment refers to all external conditions that surrounds an organism and which influences its behavior / activities*

**2.Differentiate between physical geography and human geography (2mks)**

*Physical geography is the branch of geography that deals with natural natural environment while human geography is the study of people and their activities on earth surface*

**3.Explain relationship between Geography and the following disciplines**

**a)Mathematics (2mks)**

Geography uses mathematical principles and formular during the following *a)calculation of time within longitudes*

*b)calculation of area on maps*

**b)History (2mks)**

*Geography attempts to explain how historical events affect current human activities on the earth, historians are geographical tools such as maps to show migration of people in the past*

**4.What is the importance of studying Geography (5mks)**

*-as a career subject geography provided firm foundation for advanced career such as aviation*

*-learners acquire skills in practical geography*

*-learners are able to appreciate nature through field work and domestic tourism*

*-geography creates international awareness by studying other religions of other world*

*- helps learners understand land forms and land forming processes and how they influence human activities*

**5.What is solar system (2mks)**

*Is a group of heavenly bodies comprising of sun, planets and other small heavenly bodies orbiting round the sun*

**6.State the weakness of the passing star theory (5mks)**

*-theory fails to explain the origin of the sun and the star*

*-chances of another star approaching the sun are minimal*

*-effect of the star would have reduced by new if it sets the planets in motion*

*-the sun could have been broken up by gravitational force of the sun*

*-high temperature materials drawn from the sun or the star would have dispersed rather than condense*

7.Give three main layers that form the earth (3mks)

*-the crust*

*-the mantle*

*- the core*

**8.Explain two reasons why the interior of the earth is still very hot (4mks)**

*Weight of overlying materials on the crust exerts a lot of pressure towards the centre of the earth which generates a lot of heat*

*-breakdown of radioactive elements especially in the mantle region releases a lot of energy which is trapped in the interior*

*-during the formation of the earth, outer parts cooled faster than the inner part*

**9.State three effects of the movement of earth on its axis (3mks)**

*-occurrence of day and night*

*-defection of winds and ocean currents*

*-rising and falling of tides*

*-time differences within longitudes*

*-variations of atmospheric pressure*