**GATITU MIXED SECONDARY SCHOOL**

**GEOGRAPHY FORM ONE CAT 1 END TERM 3 2014**

**TIME: 1 HR**

1. State two components of the solar system. 2mks
2. Give two theories that explain the origin of the earth and solar system. 2mks
3. State three fores that are responsible for the shape of the earth 3mks
4. State two effects of rotation of the earth 2mks
5. Highlight the four layers of the atmosphere. 4mks
6. Give three factors considered when sitting a weather station. 3mks
7. State two weather instruments found in the Stevenson screen. 2mks
8. Why the Stevenson screen is painted white? 1mk
9. What is the significance of weather forecasting? 2mks
10. Define the following terms:
11. Environmental lapse rate 1mk
12. Zero lapse rate. 1mk
13. The three isothermal layers of the atmosphere are tropopause, stratopause and menopause. What is common about the layers 1mk
14. State any four types of precipitation. 4mks
15. Fill the table below using the appropriate isoline 4mks

|  |  |
| --- | --- |
| element | Isoline |
| Air pressure |  |
| Rainfall |  |
| Sunshine intensity |  |
| Temperature  |  |

1. Use a well labeled diagram to show how solar eclipse is formed. 3mks
2. Study the diagram below and answer the questions that follow.



1. What type of breeze is represented in the diagram above 1mk
2. When does it occur 1mk
3. Use the diagram below to answer the questions that follow.



1. What type of cloud is shown above? 1mk
2. State two characteristics of the cloud. 2mks

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