

GEOGRAPHY PAPER 1

KAGONDO SECONDARY SCHOOL

KCSE 2017 REVISION QUESTIONS

312/1

SECTION A

Answer all the questions in this section

1. Explain two effects of the rotation of the earth (2mks)
2. State three causes of movements of oceanic water (3mks)
3. a) Define solfatara (2mks)
b) State three factors that may lead to the formation of calderas (3mks)
4. Give three characteristics of barchans (3mks)
- 5 a) Apart from folding, describe two other ways in which a lake can be formed (4mks)
b) Give five characteristics of lakes formed through earth movements (5mks)
6. Describe the spherical shape of the earth (2mks)
7. The local time of station A 50° East is 11.10 am. What is the longitude of station B whose local time is 11.50 am (2mks)
8. state two ways desert vegetation adapts to drought condition of the desert (2mks)
9. You have been provided with a map of Busia 1: 50000 (sheet 101/10 study the map and answer the following questions
 - a i) Calculate the area enclosed by the regional boundary to the south East of the area covered by the map (2mks)
 - ii) Measure the distance of the loose surface road B8/3 from the southern edge of the map to the junction at matayo with road C529. Give the distance in kilometers and meters (2mks)
 - iii) Give the bearing of the trigonometrical station 101T12 from the Air photo principle point at GR 316418 (2mks)
- b i) Give the four figure grid reference of munongo school
- ii) Give the approximate height of Ndanyi hill

- c) i) Identify three relief features shown in the area covered by the map (3mks)
 - ii) Give the magnetic declination of the map (2mks)
 - d) i) Citing evidence from the map identify three economic activities in the area covered by the map (6mks)
 - ii) Describe the drainage of the area covered to the north of Northing 40 (5mks)
10. State 5 characteristics of minerals (5mks)
 11. Describe 5 factors that support the continental drift theory (10mks)
 12. With the aid of well labeled diagrams explain 3 types of boundaries associated with plate tectonic movements (3mks)
 13. Give 2 types of mass wasting (2mks)
 14. Name 5 factors that determine the infiltration of water in the earth surface (5mks)
 15. Illustrate 3 features resulting from the action of water in deserts (3mks)