

GIDEONS ELITE BOYS CENTRE OF EXCELLENCE DECEMBER SELF-ASSESSMENT EXAMINATIONS

FORM ONE
GEOGRAPHY
FORM 1
Time: 2 ½ Hours

Name: Adm No:
School: Class:
Signature: Date:

INSTRUCTIONS TO CANDIDATES

- i) This paper consists of two sections A and B
- ii) Answer **all** questions in section A and B

For Examiner's use only

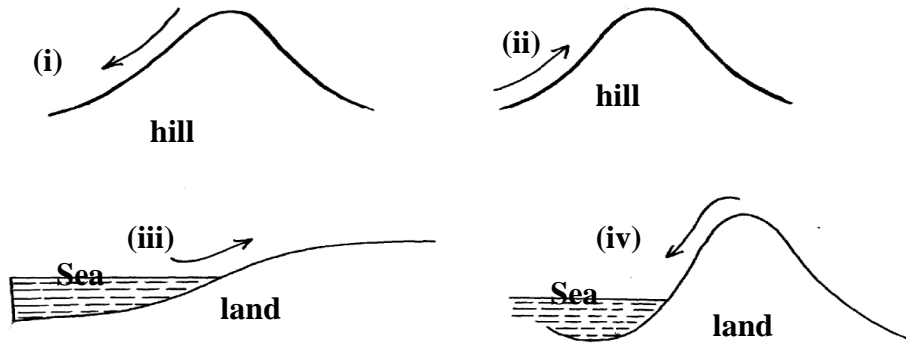
SECTION	QUESTION	MAXIMUM SCORE	CANDIDATE'S SCORE
A	1-5	25	
B	6	25	
		25	
		25	
TOTAL SCORE		100	

SECTION A

Answer all the questions in this section.

- 1 (a) (i) Name **two** parts of the earth's crust. (2mks)
(ii) State **two** forces responsible for the spherical shape of the earth. (2mks)
(b) Give **two** reasons as to why the interior of the earth is hot. (2mks)

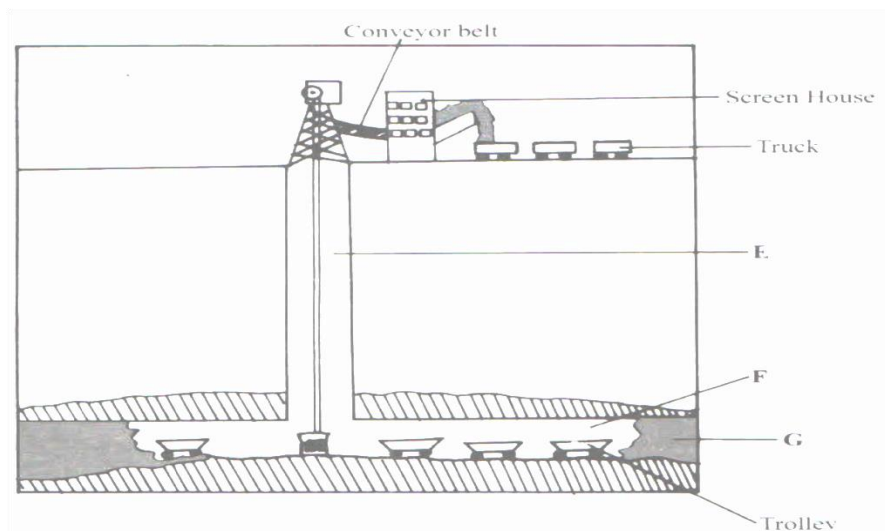
- 2 (a) Identify the following types of wind. (4mks)



- (b) Describe how the wind system (a) (iii) is formed. (2mks)
3. a) (i) What is a lunar day? (1mk)
(ii) Explain how a lunar eclipse occurs. (2mks)
b) The local time at town A, 45°E is 1.30pm. Find the longitude of town B if the local time is 10.00a.m.
4. (a) Name **two** theories associated with the origin of the solar system. (2mks)
(b) (i) What is summer solstice. (1mk)
(ii) Give the dates when the sun is overhead at midday on the tropics of Capricorn and cancer respectively. (2mks)
5. a) What is the solar system? (2mks)
b) Identify **three** planets that have satellites. (3 mks)

SECTION B: Answer ALL the questions

6. (a) (i) Define the term mineral. (2mks)
 (ii) Give two categories of metallic minerals. (2mks)
 (b) (i) Name the rocks that result from the following metamorphism processes;
 (ii) State three factors that influence rock metamorphism. (3mks)
- (c) Describe the formation of the following rocks;
 (i) Intrusive igneous rocks (5mks)
 (ii) Organically formed sedimentary rocks. (4mks)
- (d) Explain three economic benefits of rocks. (6mks)
7. (a) (i) Name **three** places in Kenya where limestone is mined. (3mks)
 (ii) State **two** uses of trona. (2mks)
 (b) (i) The diagram below shows shaft mining. Name the parts marked E, F and G. (3mks)



- (ii) State **two** problems associated with shaft mining. (2mks)
- (c) Explain **four** ways in which gold mining has contributed to the economy of South Africa. (8mks)
- (d) Explain **three** negative effects of mining on the environment. (6mks)
8. (a)(i) What is geography? (2mks)
 (ii) Give two branches of geography. (2mks)
 (b) State six reasons why geography is studied in schools. (6mks)
- (c) Explain the relationship between geography and the following disciplines:
 (i) Agriculture (2mks)
 (ii) Chemistry (2mks)
 (iii) Mathematics (2mks)

(d) Students of your class intend to carry out field work on rocks around your school.

- (i) Formulate three objectives for your study. (3mks)
- (ii) Give three activities you would be engaged in during the study. (3mks)
- (iii) Identify three follow up activities you be engaged in. (3mks)