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SET 2

GRADE 10 END OF YEAR EXAMS

KENYA CERTIFICATE OF BASIC EDUCATION

SENIOR SCHOOL ASSESSMENT

GRADE 10 – GEOGRAPHY

Time: 2 Hours 30 Minutes

LEARNER'S DETAILS

Name: _____. **School:** _____.

Assessment Number: _____. **Date:** _____.

School Code: _____. **Signature:** _____.

INSTRUCTIONS TO CANDIDATES

1. Write your name in the spaces provided above.
2. Write the name of your school and your stream in the spaces provided.
3. Write your admission number and the date of the assessment in the spaces provided.
4. This paper consists of two sections: A and B.
5. Answer all questions in section A and section B.
6. Answer the questions in English.
7. All answers MUST be written in the spaces provided in PAPER.
8. Do NOT remove any page from this question paper.

FOR OFFICIAL USE ONLY

SECTION	SECTION A	SECTION B	% SCORE	EE1	EE2	ME1	ME2	AE1	AE2	BE1	BE2
SCORE RANGE	45 MARKS	35 MARKS		90-100	75-89	58-74	41-57	31-40	21-30	11-20	1-10
POINTS				8 POINTS	7 POINTS	6 POINTS	5 POINTS	4 POINTS	3 POINTS	2 POINTS	1 POINT
LEARNER'S TOTAL SCORE											

SECTION A (45 MARKS)

Answer ALL questions in this section.

1. Three learners visited an industrial site and made the following observation:

   Amina: "This is small-scale informal industry using local materials."

   Peter: "It creates employment for many youths."

   John: "It is part of Kenya's industrial sector."

Tasks:

a) Identify the type of industry shown. _____ (1 mark)

b) Name TWO activities seen in the picture. (2 marks)



X



Y

X: _____

Y: _____

c) State ONE importance of Jua Kali industries in Kenya. (1 mark)

_____

_____

d) List ONE challenge facing such industries. (1 mark)

_____

_____

e) Define the term industry. (1 mark)

_____

_____

2. A Geography class observes renewable energy systems in Kenya.

a) Identify TWO renewable energy sources shown. (2 marks)



S



T

S: _____

T: _____

b) State ONE advantage of solar energy. (1 mark)

_____

_____

c) Explain why Northern Kenya is suitable for wind energy. (2 marks)

_____

_____

d) Name ONE country where geothermal energy is developed. (1 mark)

_____

3. Workers are extracting a mineral for cement production.



a) Name the mineral being mined. _____ (1 mark)

b) State TWO uses of the mineral. (2 marks)

i. _____

ii. _____

c) Explain ONE environmental effect of mining. (2 marks)

_____

_____

d) State ONE method of mining shown below. (1 mark)



_____

4. Three learners describe a certain agricultural practice:

Mary: "Crops are grown without soil."

Kevin: "Water is recycled in pipes."

Faith: "It saves space in towns."

a) Name the type of agriculture described above. _____ (1 mark)

b) State TWO advantages of this farming method. (2 marks)

i. _____

ii. _____

c) Explain ONE challenge facing urban farming. (2 marks)

_____

_____

d) Define agriculture. (1 mark)

_____

_____

5. A disaster management officer explains earthquake damage.

a) Define an earthquake. (1 mark)

_____

_____

b) Identify TWO effects of earthquakes. (2 marks)

i. _____

ii. _____

c) State ONE scale used to measure earthquakes. (1 mark)

_____

d) Suggest TWO disaster preparedness measures. (2 marks)

i. _____

ii. _____

6. A student uses a mobile phone map application.



a) Name the technology shown. _____ (1 mark)

b) State TWO uses of GIS in Geography. (2 marks)

i. _____

ii. _____

c) Explain ONE importance of GPS in daily life. (2 marks)

_____

_____

d) Define GIS. (1 mark)

_____

_____

SECTION B: (50 MARKS)

7. A field study group from **Ulanda Senior School** visited the industrial area.

a) Name TWO types of industries shown. (2 marks)



M



N

M: _____ N: _____

b) Explain THREE factors influencing location of industries. (3 marks)

i. _____
ii. _____
iii. _____

c) Describe TWO problems facing industries in Kenya. (2 marks)

i. _____
ii. _____

d) Suggest TWO solutions to industrial challenges. (2 marks)

i. _____
ii. _____

e) Distinguish between cottage and large-scale industry. (1 mark)

_____

_____

8. Kenya Power engineers discuss energy production during a school tour.



a) Name the type of energy shown. _____ (1 mark)
b) Explain TWO advantages of renewable energy. (2 marks)

i. _____
ii. _____

c) Describe how geothermal energy is produced. (3 marks)

i. _____
ii. _____
iii. _____
iv. _____

d) State TWO challenges of energy production in Kenya. (2 marks)

i. _____
ii. _____

e) Give ONE example of wind energy project in Kenya. (2 marks)

i. _____
ii. _____

9. A comparative geography lesson was conducted.



Q



R

a) Name TWO minerals shown. (2 marks)
Q: _____

R: _____

b) Compare mining in Botswana and Australia. Give 2 differences. (2 marks)

Botswana	**Australia**

c) Explain THREE effects of mining on environment. (3 marks)

i. _____
ii. _____
iii. _____

d) Suggest TWO ways of rehabilitating mined land. (2 marks)

i. _____
ii. _____

e) Define mining. (1 mark)

_____
_____

10. Grade 10 learners watched a video clip on earth processes during a geography lesson

a) Identify the two landforms. (2 marks)



R



S

R: _____

S: _____

b) Distinguish between volcanic and fold mountains. (2 marks)

Volcanic mountain	Fold mountain

c) Explain THREE causes of vulcanicity. (3 marks)

i. _____
ii. _____
iii. _____

d) State TWO benefits of volcanic activity. (2 marks)

i. _____
ii. _____

e) Name ONE fold mountain range in the world. (1 mark)

_____

11. Farmers are discussing productivity.

a) Identify TWO types of agriculture shown. (2 marks)



E



F

E: _____ F: _____

b) Explain THREE challenges facing agriculture in Kenya. (3 marks)

i. _____
ii. _____
iii. _____

c) Suggest TWO strategies to improve agriculture. (2 marks)

i. _____
ii. _____

d) State ONE importance of agriculture. (1 mark)

_____

_____

e) Define food security. (2 marks)

_____

_____