

THE SUCCESS PATH EXAMINATION COUNCIL (SPEC)

Paving the Way to Success

312/2 GEOGRAPHY

FORM 3 END TERM 1 EXAMINATION

March/April 2026

Time: 2¾ hours



Paper 2

312/2

4992104

Name Admission Number

School Class

Candidate's Signature Date

Instructions to Candidates

- (a) Write your name and admission number in the spaces provided above.
- (b) Write the name of your school and sign in the spaces provided above.
- (c) This paper consists of **three** sections: **A**, and **B**.
- (d) Answer all questions in section **A**.
- (e) Answers question **6** and any other **two** questions from section **B**.
- (f) Answers must be written in the spaces provided at the end of question 10.
- (g) **This paper consists of 16 printed pages.**
- (h) **Candidates should check the question paper to ascertain that all pages are printed as indicated and that no questions are missing.**
- (i) **Candidates should answer the questions in English.**

FOR EXAMINER'S USE ONLY

Section	Question	Maximum Score	Candidate's Score
A	1-5	25	
B	6	25	
		25	
		25	
Total		100	

SECTION A: (25 marks)

*Answer **all** questions in this section in the spaces provided after question 10.*

1. (a) What is a photograph? (2 marks)

(b) Name three types of ground photographs. (3 marks)
2. (a) State three formations in which minerals occur. (3 marks)
(b) Name two areas where gold is mined in East Africa. (2 marks)
3. (a) Distinguish between forest and forestry. (2 marks)
(b) State three factors favouring growth of Mt. Kenya forest. (3 marks)
4. (a) Name two types of questionnaires. (2 marks)
(b) State three factors to consider when preparing a questionnaire. (3 marks)
5. (a) Name three middle east countries that are oil producers. (3 marks)
(b) Give two by products obtained when crude oil is refined. (2 marks)

SECTION B: (75 marks)

Answer **question 6** and any other **two** questions in this section in the spaces provided after question 10.

6. (a) The photograph below shows some mining activities. Study and use it to answer the questions that follow.



- (i) Identify the type of photograph. (1 mark)
 - (ii) Give reasons for your answer in (i) above. (3marks)
 - (iii) Draw a rectangle measuring **10cm** by **12cm** to represent the photograph. (1 mark)
 - (iv) On it, mark and label **four** main features. (4marks)
 - (v) State **three** negative effects of the mining method shown in the photograph to the physical environment. (3marks)
- (b) (i) Name **two** gold mining areas in South Africa. (2marks)
- (i) Describe the process of gold processing. (5marks)
 - (ii) Explain three negative effects of mining on the environment. (6 marks)

7. (a) (i) Name two indigenous softwood trees in Kenya. (2 marks)

(ii) State five factors that favour the development of softwoods in Kenya. (5 marks)

(b) (i) Explain four problems experienced in commercial exploitation of tropical rain forests in Africa. (8 marks)

(ii) Give four protective roles of forests in a country. (4 marks)

(c) Explain three problems Canada experiences in exploiting her forests. (6 marks)

8. The table below shows Kenya's principal mineral by value in Ksh. 000,000 between 1991 – 1994.

MINERAL	1991	1992	1993	1994
SODA ASH	60	70	80	100
FLOURSPAR	25	50	40	60
DIATOMITE	35	40	50	55
LIMESTONE	70	80	95	110

(a) (i) Draw a cumulative bar graph to represent the information given above. (8 marks)

(ii) State three advantages of using cumulative bar graph in data presentation. (3 marks)

(b) Explain three ways in which Kenya has benefited from mining soda ash. (6 marks)

(c) (i) Name three main places where diamonds are mined in south Africa. (3 marks)

(ii) Describe the processing of diamond in South Africa. (5 marks)

9. Use the table below to answer the questions that follow.

(a) Differentiate between secondary and primary data. (2 marks)

Number of dairy animals in division X on the Kenyan highlands in 1992.

TYPE	NUMBER
Guernsey	8400
Ayrshire	7200
Jersey	10800
Friesian	16400
Sahiwal	5200

(b) (i) Using a scale of 1cm to represent 4000 animals, represent the above data using a divided rectangle. (6 marks)

(c) State two advantages of using a divided rectangle to represent data. (2 marks)

(d) Name three other ways through which the data above can be statistically presented.

(3 marks)

(e) Name five methods of collecting data.

(5 marks)

(f) Name three major methods of analyzing data.

(3 marks)

(g) Give two advantages and two disadvantages of using a simple wind rose in data presentation.

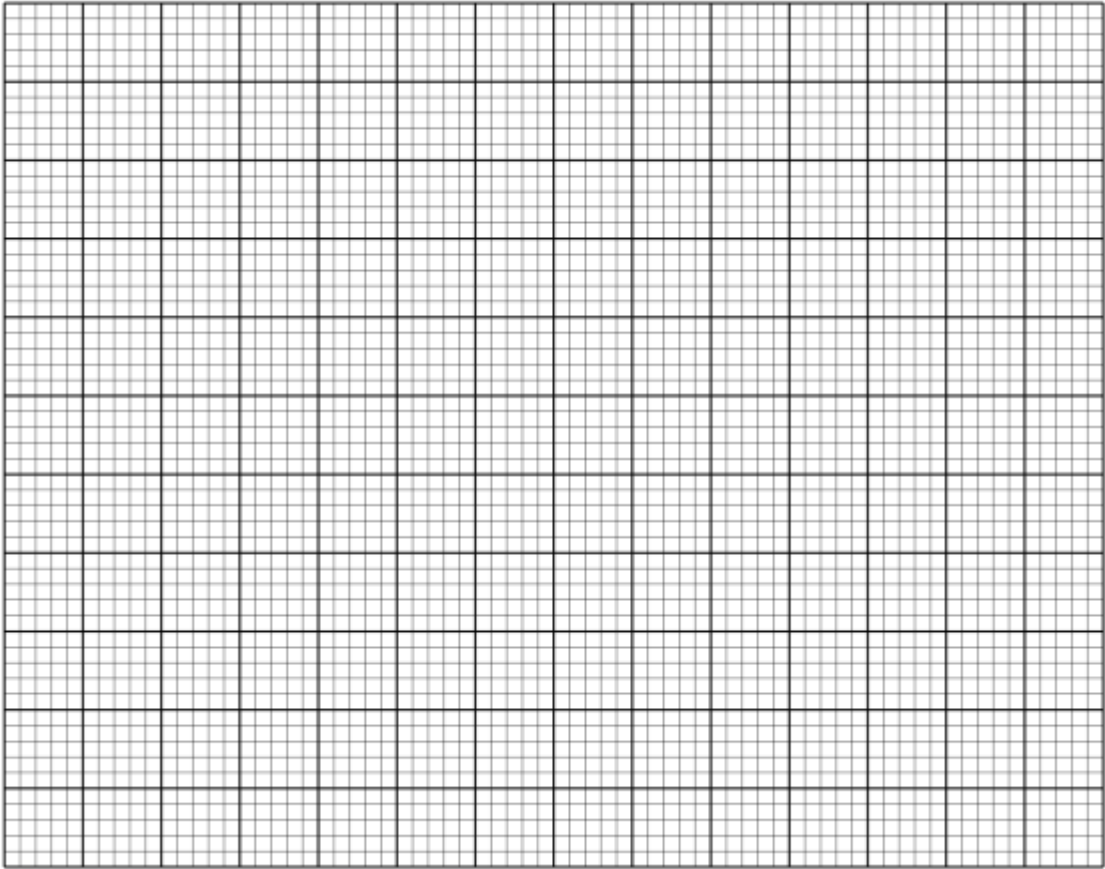
(4 marks)

10. The map below shows the location of some minerals in East Africa.



- (a) Name the minerals mined in the areas marked J, K and L. (3 marks)
- (b) Students from Winjo secondary school went for a field work in the area marked K.
- (i) List down the normal pattern that the fieldwork procedure takes. (5 marks)
 - (ii) Give five activities the students will require to do before going for the fieldwork. (5 marks)
 - (iii) State three objectives of the study. (3 marks)
 - (iv) List three problems they are likely to encounter during the study. (3 marks)
 - (v) Prepare a working schedule to be used during the study. (4 marks)
 - (vi) List two follow-up activities that they will carry out after the study. (2 marks)

A large grid of graph paper, consisting of 20 columns and 20 rows of small squares, intended for drawing or writing.



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