NYAWITA PRIMARY SCHOOL

312/2 GEOGRAPHY

Paper 2

Form 1 End Term Examination

Time: 2 ½ Hours

Name: ..... Adm No: .....

School: ..... Class: .....

Signature: ..... Date: .....

INSTRUCTIONS TO CANDIDATES

(a) Write your name and index number in the spaces provided at the top of this page.
(b) Write your school name, sign and write the date of the examination in the spaces provided above.
*(c) This paper consists of **Two** sections: **Section I** and **Section II**.*
(d) Answer all questions as instructed in each section.
(e) Marks may be given for correct working, relevant points, and clear presentation.
(f) Non-programmable silent electronic calculators may be used where necessary.
*(h) This paper consists of **4 printed pages**.*
(i) Candidates should check the question paper to ensure that all the pages are printed as indicated and no questions are missing.
(j) Candidates should answer the questions in English.

For Examiner's Use Only

SECTION I

1	2	3	4	5	6	7	8	Total

SECTION II

9	Total	Grand Total

SECTION I (50 Marks)

*Answer **all** questions in this section in the spaces provided.*

1. (2 mks)

(a) State two features of the planet Earth that make it suitable for supporting life. (2 marks)

2. (3 mks)

(a) The table below shows the number of livestock kept at Shamba School Farm over four years. | Year | 2021 | 2022 | 2023 | 2024 | Total | | Number of livestock | 120 | 150 | ? | 180 | 600 | Complete the table by finding the missing value for 2023, then draw a simple bar graph to represent the data. (3 marks)

3. (3 mks)

(a) Name three weather instruments used to measure temperature, rainfall and wind direction, and state the unit of measurement for each. (3 marks)

4. (4 mks)

(a) A map has a linear scale drawn as a line divided into two equal sections. The whole line measures 4 cm on the map and is labelled 0 km, 2 km and 4 km. Express this as a statement scale. (2 marks)

(b) The map distance between two towns is 7.4 cm on this map. Calculate the actual ground distance in kilometres. (2 marks)

5. (4 mks)

(a) Distinguish between a ground-level photograph and an aerial photograph. (2 marks)

(b) A photograph was taken from a high-flying aircraft directly above a school compound. Identify the type of photograph shown and explain your answer. (2 marks)

6. (3 mks)

(a) Explain two effects of the rotation of the earth on its axis. (3 marks)

7. (4 mks)

(a) The weather club recorded the following daily temperatures (°C) for one week: 20, 22, 21, 23, 22, 24, 22. Calculate the mean temperature for the week. (2 marks)

(b) The monthly rainfall amounts (mm) recorded at a school were: 10, 15, 20, 15, 25, 15, 30. Determine the mode of the rainfall data. (2 marks)

8. (2 mks)

(a) Differentiate between weather and climate. (2 marks)

SECTION II (50 Marks)

*Answer any **five** questions from this section in the spaces provided.*

9. Fig. 1 is an extract of a topographical map drawn to a scale of 1:50,000. Study the map and answer the questions that follow. (a) Express the scale of the map in statement form and linear form. (5 marks) (b) Using a ruler and the linear scale, measure the distance along the main road from grid reference 0101 (the town) to grid reference 0403 (the hill). Give your answer in kilometres. (8 marks) (c) Identify the physical feature marked by the (10 mks)

312/2 GEOGRAPHY MARKING SCHEME

Form 1 Paper 2

SECTION I (50 marks)

1. (2 marks)

- *B1 – Presence of liquid water on the Earth's surface (1)*
- *B1 – Presence of an atmosphere containing oxygen and nitrogen / suitable temperature range / protective ozone layer (1)*

Alt:

— Any two of: liquid water; atmosphere with oxygen/nitrogen; suitable temperature; protective ozone layer/magnetic field.

2. (3 marks)

- *M1 – Sum of known values = 120 + 150 + 180 = 450; missing value = 600 – 450 = 150 (1)*
- *B1 – Axes correctly labelled: Year (x-axis) and Number of livestock (y-axis) (1)*
- *B1 – Bars correctly drawn for 2021, 2022, 2023 and 2024 with heights 120, 150, 150 and 180 respectively (1)*

Alt:

— If the graph is drawn with bars of proportional heights but without labels, award the bar mark but not the label mark.

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