

AHMES SECONDARY SCHOOL
DEPARTMENT OF GEOGRAPHY
FORM FIVE HOLIDAY PACKAGE- DECEMBER 2021
GEOGRAPHY
PRACTICAL GEOGRAPHY

1. Study the chart below showing the climatic data for station X and respond to questions that follow

Months	J	F	M	A	M	J	J	A	S	O	N	D
Temp (⁰ C)	21	22	21	23	24	26	25	25	23	21	20	20
Rain (mm)	200	160	140	170	60	00	00	35	75	140	160	180

- a. Present the data above by using a polar chart
 - b. With two reasons, suggest the climate of station X
 - c. Suggest the hemisphere in which station X is located and name four African countries where station X might be located
 - d. Draw a combined line and bar graph to show the data on the table above
2. The chart below shows the number of different cars types which were imported in Tanzania and Kenya in 1998. Carefully study the data and answer the questions that follow

COUNTRIES/CARS	BMW	TOYOTA	BENZ	HYUNDAI	FORD
TANZANIA	550	700	350	400	250
KENYA	700	800	550	500	300

- a. Present the data above by using proportional divided semi circles
 - b. Comment on the graph used in (a) above
3. Study carefully the data below showing the scores of form five students at a certain secondary school in Tanzania in their Geography terminal examination which was done in December 2021 then answer the questions that follow

77 67 82 87 82 76 88 65 66 72 82 77 77 54 55 74 82 50 54 52 76 63

- a) Prepare a frequency distribution table with the lowest class interval of 50 – 54
- b) From the distribution table prepared in (a) above, calculate
 - i. The modal class and median class
 - ii. Standard Deviation
 - iii. Range
 - iv. Mode

- c) Describe the different between measures of dispersion and measures of central tendency
4. Study carefully the data of the world production of Tea in tones from 1998 to 2001 shown on the table below and respond to questions that follow

Countries/ years	1998	1999	2000	2001
Kenya	2000	3700	4300	4500
Brazil	3000	2000	3700	5500
Russia	5000	3000	3000	4000
Canada	3500	3300	3000	3500

- a) Construct a percentage bar graph to present the data above
- b) Draw a comparative line graph to show the data above
- c) Comment on the method employed in (a) above
5. Describe the following terms as they are used in photographs
- Camera resolution
 - Focal length
 - Mosaic
 - Extra-terrestrial photographs
 - Tone
6. a) Describe five factors that may affect the quality of a photograph
- b) Provide a brief description on how you can interpret the following aspects on a photograph
- Title
 - Climate
 - Season
- c) A camera in an aircraft at an altitude of 1600 metre was used to take a photograph. Determine the focal length of the camera if the scale of the photograph is 1: 50,000
- d) What are the merits and demerits of ground photographs?

PHYSICAL GEOGRAPHY

7. (a). John, Jonathan and Joseph are pre-form five students at Ahmes secondary school. Two days before yesterday they had serious discussion about the shape of our planet Earth. John said that “Our planet earth is flat in shape like a table” and Jonathan said that “Our planet earth is spherical in shape like a ball”. Discussion ended with no clear conclusion and evidences. You as a form six student, you are requested to end up the discussion with clear conclusion and detailed evidences. (8 points)

- (b) In the above discussion Joseph came with a new idea which is far from John but nearly to Jonathan. Joseph said that “Our planet earth is not exactly spheroid”. Do you have comments about Joseph statement? (4 points)
8. (a) Discuss the causes of movements of tectonic plates along their margins
(b) What evidences support plate movement?
 9. Describe eight (8) impacts of the movement of tectonic plates.
 10. “Plate tectonic theory is a new version of continental drift theory”. Elaborate
 11. What is the importance and weaknesses of geological time scale?
 12. Identify and explain the physical properties that can be used to identify the variety of minerals on the earth’s crust
 13. Explain the nature and spatial distribution of the world’s major fold mountain
 14. Give an account of fluvial landforms formed by deposition
 15. Discuss the role of climate on weathering process