



WASAMBO BOYS HIGH SCHOOL

2024 END OF TERM THREE EXAMINATION

GEOGRAPHY

100 marks

Wednesday, 10th June

Subject Number: J073

Time Allowed 2Hours

Instructions

1. This paper contains 14 printed pages. Please check.
2. This paper has **three** sections: **A, B, and C.**
3. The paper contains **two** sections, **A and B.**
4. Follow instructions for each section carefully.
5. Write your Name in the spaces provided on all the pages of this paper before you start answering the questions.
6. In the table provided on this page, **tick** against the question number you have answered.
7. Hand in your question paper to the invigilator when time is called to stop writing.

Question Number	Tick if answered	Do not write in these columns	
1-10			
11-20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			
Total			

TURN OVER

Section A (20 marks)

Answer **all** the questions by encircling the letter corresponding to the correct answer.

1. Which of the following is **not** a use of maps?
 - A. Locating places
 - B. Measuring distance
 - C. Measuring latitudes
 - D. Finding direction
2. Which of the following makes day and night?
 - A. Movement of the sun from east to west
 - B. Movement of the earth on its axis
 - C. Movement of the earth around the sun
 - D. Movement of both the earth and the sun
3. The eclipse of the moon takes place
 - A. When the moon is between the sun and the earth
 - B. Once in blue moon
 - C. When the moon is full
 - D. When the earth is between the sun and the moon
4. Distribution maps show the following features
 - A. State boundaries and district boundaries
 - B. Industrial areas and communication areas
 - C. Rainfall pattern and population density
 - D. Tourist resorts and police station
5. Much of the natural resources in Malawi are depleted because
 - A. Resources are few
 - B. Of population growth
 - C. They are not renewable
 - D. They are few forest
6. Direction on a map is expressed by the use of
 - A. Bearing and scale
 - B. Compass and bearing
 - C. Scale and key
 - D. Symbols and compass
7. When the difference between wet and dry bulb thermometer is 0°C the weather becomes
 - A. Windy
 - B. Rainy
 - C. Sunny
 - D. Dry
8. A certain town has a total population of **95,600** and an area of **5600km^2** . What is the total population density of this town?
 - A. **17.07** peoples/ km^2
 - B. **20** people/ km^2
 - C. **16** people/ km^2



D. 18 people/km²

Figure 1 is the diagram showing the formation of rainfall. Use it to answer

Questions 9 and 10

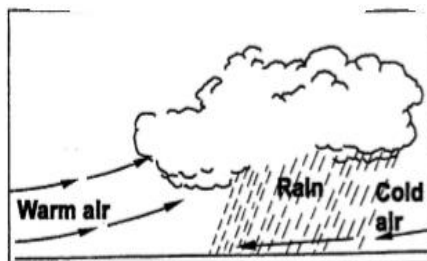


Figure 1

9. The type of rainfall shown is

- A. Relief
- B. Cyclonic
- C. Depression
- D. Convection

10. How is this type of rainfall formed?

- A. When air is heated rapidly
- B. When air is forced to condense
- C. When warm air rises over a mountain
- D. When warm air rises over cold air

11. Which of the following natural disasters is influenced by deforestation?

- A. Cyclone
- B. Volcano
- C. Earthquakes
- D. Flash flood

12. Which of the following are natural disasters **commonly** experienced along the rift valley floor of Malawi?

- A. Drought
- B. Storms
- C. Landslides
- D. Floods

13. Why is excessive cutting down of trees bad for the water cycle?

- A. Run off is lowered
- B. Transpiration is lowered
- C. Capillary action is increased
- D. Ground water is increased

14. The most important aspect of Beaufort scale is?

- A. It is simple to devise and use
- B. It provides an alternative way of observing wind speed
- C. Provides an accurate description of wind
- D. Can be carried and used anywhere

15. Which of the following does sunshine recorder measure?

- A. The number of hours of sunshine
- B. Speed of sunrays
- C. Amount of sunshine
- D. Brightness of the sun

16. Which of the following factors **does not** affect climate of Malawi?

- A. Latitude
- B. Altitude
- C. Distance from the sea
- D. The position of the sun

17. The type of cloud that is associated with frontal rainfall is

- A. Cirrus
- B. Stratus
- C. Cumulonimbus
- D. Nimbostratus

18. The percentage of nitrogen gas in the atmosphere is

- A. 78
- B. 21
- C. 0.07
- D. 0.03

19. Air is said to be saturated when

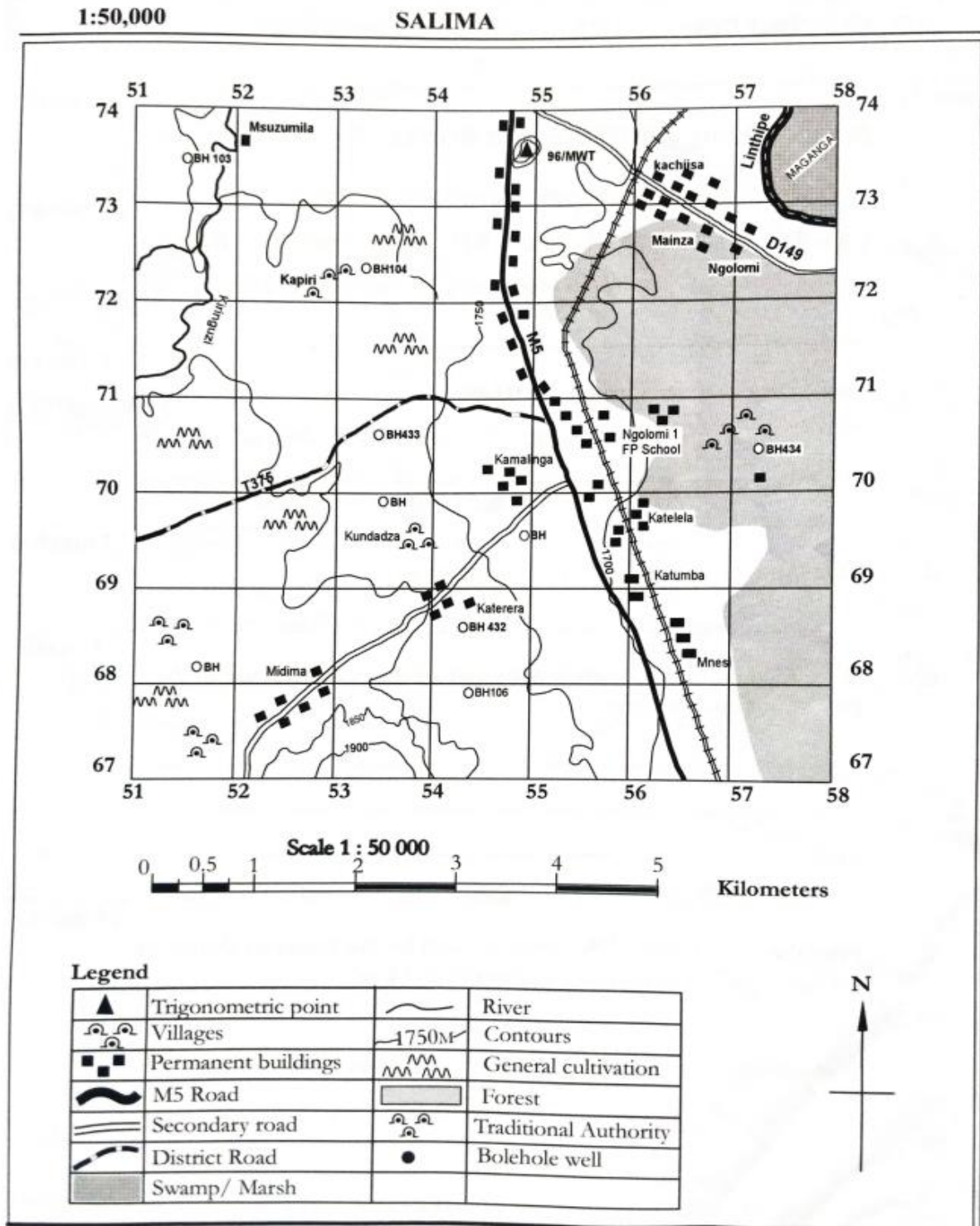
- A. The wet and dry bulb thermometer show different temperature reading
- B. The wet bulb thermometer shows low temperature reading
- C. The dry bulb thermometer shows high temperature reading
- D. Wet and dry bulb thermometers show the same temperature readings

20. Which of the following affect high population density on physical environment?

- A. Overcrowding
- B. Traffic congestion
- C. Land degradation
- D. Poor delivery of social services

SECTION B (50 marks)Answer **all** the questions in the spaces provided

21. Figure 2 on the page 5 is the 1:50, 000 map extract for Salima. Use it to answer the questions that follow

**Figure 2**

A. Find the:

- i. **Four figure** grid reference for Kundaza village

_____ **1 mark**

- ii. **Six figure** grid reference for **BH 432**

_____ **2 marks**

- B. b. what is the direction of **BH 103** from Kapiri

_____ **2 marks**

- C. c. Find the actual distance of the **D149** road, giving the answer to the nearest kilometre

_____ **2 marks**

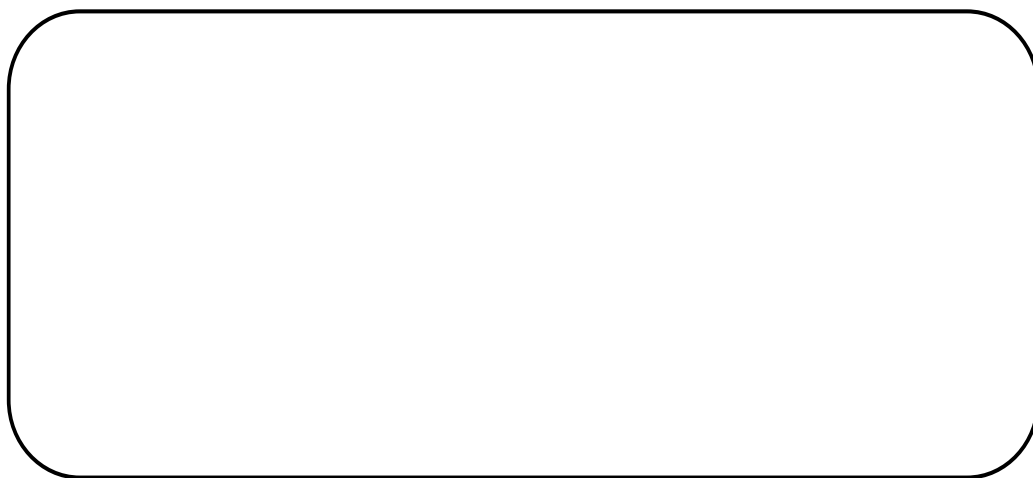
- D. Calculate the contour interval of the Map

_____ **1 mark**

- E. Describe any **two** economic activities of the people living in the area shown on the map

_____ **2 marks**

- F. Find the actual area of the land covered by the forest as shown on the map, giving the answer to the nearest **km²**

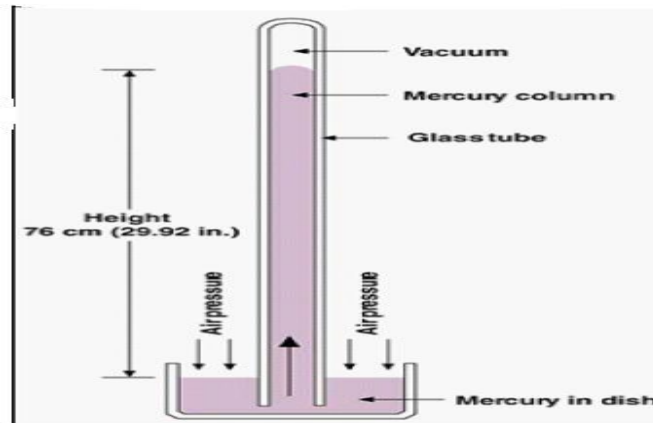


4 marks

G. Calculate the bearing of borehole **BH106** from borehole **BH434**

3 marks

22. Figure below is the weather instrument. Use it to answer question 22 A, B and C



A. Name the instrument

_____ 1 mark

B. i. State the element of weather that the instrument is used to measure

_____ 1 mark

ii. Describe how the instrument mentioned in A works

 _____ 4 marks

C. Explain any **one** importance of atmosphere

 _____ 2 marks

D. i. State any **two** use of latitudes

_____ **2 marks**

ii. Emmanuel Nyirongo in class is located at 15° south of the equator. How far he from the equator? Show your calculation.

3 marks

23. **Table 1** shows figure on population of Malawi. Study it and answer questions **A** and **B**

Year	Birth rate per 1000	Mortality rate per 1000
1920	60	50
1977	48	25
1987	41	14

a. In which year was natural population increase **lowest** for Malawi?

_____ **1 marks**

b. Calculate the percentage of the population **increase** for Malawi in 1977. Show your working.

3 marks

c. State any **two** problems of high population growth on social services

_____ **2 marks**

24. State any **two** ways in which soil is important to the environment

_____ **2 marks**

25. Give any **two** examples of geological disasters

_____ **2 marks**

26. Explain any **two** ways of preserving the ecosystem

_____ **4 marks**

27. Explain any **two** activities that could lead to extinction of renewable resource

_____ **4 marks**

28. Account the distribution of temperature in Malawi

_____ **2 marks**

Section C (30 marks)

Answer **all** the questions in this section in an essay form in in the spaces provided.

29. a. Describe any **four human activities that lead to natural disasters in Malawi.**

9 marks

b. Explain any three strategies for controlling rapid population growth in Malawi

[illegible]

30. a. Describe the revolution of the earth and its effects

[illegible]

