

BLANTYRE SECONDARY SCHOOL CLUSTER MOCK
2026 JCE GEOGRAPHY PROVISIONAL MARKING KEY

Section A (20 Marks)

1. B
2. A
3. D
4. C
5. A
6. C
7. D
8. B
9. B
- 10.A
- 11.C
- 12.B
- 13.B
- 14.B
- 15.A
- 16.A
- 17.C
- 18.B
- 19.A
- 20.C

Section B. (50 Marks)

21. Map reading questions

- | | |
|--|------------|
| a. 354684 | (2 marks) |
| b. i. 320° | (2 marks) |
| ii. 3km | (2marks) |
| c. i. Fishing, <i>presence of the lake</i> | |
| Lumbering, <i>presence of the forest</i> | (4 marks) |
| ii. Clustered/Nucleated/compacted | (1 mark) |



d. i. Contour lines (1 mark)

ii. North East/NE

e. Lagoon (2 marks)

f. Area = full square boxes + $\frac{\text{half squares boxes}}{2}$ (km²)

Full squares boxes = 0

Half square boxes = 5

= $0 + \frac{5}{2}$ km²

2

= 2.5 km²

= 3 km²

(4 marks)

22.a. Identify the instrument

- Wind Vane

1 mark

b. Briefly describe how the weather instrument works

- *When the wind blows, the pointer swings freely and points towards the direction from which the wind is blowing from **OR** when the winds, it pushes the tail of the arm, forcing the pointer to point to the direction from the wind is coming*

2 marks

23.a. Name the sixth planet in the solar system

- Saturn

1 mark

b. Explain how surveying with poles proves that the earth is spherical

- *The poles of equal lengths are pegged into the flat ground, the central pole looks higher than other on either side showing earth's curved shape.*

2 marks

c. Describe the nature of seasons when the sun is overhead along the tropical of Capricorn in the following areas

i. Northern Hemisphere

- *Winter, low temperature, long hours of night, short hours of the days*

2 marks

ii. Southern Hemisphere



- *Summer, high temperature, long hours of the days, short hours of the nights* **2 marks**

24.a. In what **two** ways does the wildlife of Malawi contribute to the economy

- *promote tourism*
- *Provide employment*
- *Promotes art and craft industry*
- *Timber for furniture*
- *Source of revenue to the government after selling some*

2 marks for any 2 points

b. State any **two** strategies of managing and conserving wildlife in Malawi

- *Enforcing laws*
- *Creating more protected areas*
- *Civic education*
- *Controlling human population*
- *Community participation*

2 marks for any 2 points

c. Describe how the following factors fluctuates water in Lake Malawi

Amount of run-off

- ✓ *Many rivers flowing into the lake bring more water thereby the level of water increases* **(2 marks)**

Great evaporation

- ✓ *During the drier months/high temperatures much water is evaporated hence water level is reduced.* **(2 marks)**

25. a. Define the term “Industry”

- *Industry is any economic activity concerned with removal of natural resources, production of goods and provision of services*

(1mark)

b. Explain any **two** ways how tourist centers in Malawi can effectively attract both foreign and local visitors

- *putting adverts of tourist attraction*
- *Sustaining the environment*



- *Maintaining roads to tourists places of interest*
- *Promote local culture*
- *Maintaining favorable political environment of peace and friendly*

(4 marks for any 2 points)

26. a. State any **two disadvantages of water transport**

- *Affected by bad weather*
- *Few coastal areas*
- *slow*
- *Construction and maintenance of docks is expensive*

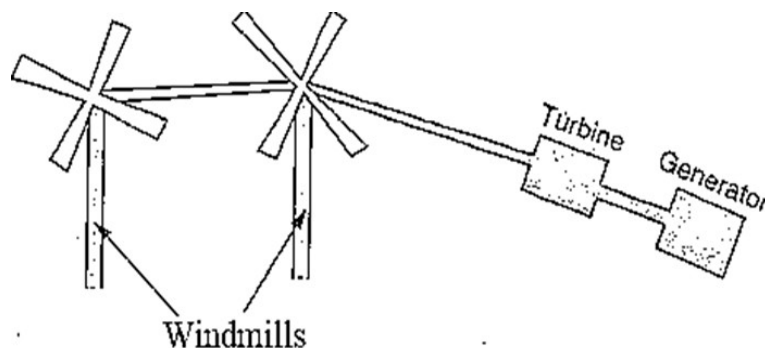
(2 marks for any 2 points)

b. Explain any **two problems people may face in a country that relies on import**

- ✓ *Shortage of foreign exchange resources*
- ✓ *High dependence on foreign aid money*
- ✓ *High dependence on loans from international financial institutions*
- ✓ *Increased debts*
- ✓ *Job losses due to closure of industries*

(4 marks for any 2 points)

c. With the aid of well labeled diagram, briefly describe how wind energy is produced



(2 marks)

- *When the wind blows into the wind mill, the propellers of the machine rotate. Then the rotating blades are connected to a generator which converts the mechanical energy of rotation into electricity.*

(2 marks)

Section C (30 Marks)

27 a. Explain any **four** conditions that should be considered when locating a weather station

- ✓ **Open and clear place-** *away from tall buildings, trees and other objects and structures for accuracy in measurement*
- ✓ **Flow of air-free** *from obstacles, like wind breakers for accuracy reading*
- ✓ **Be gated-** *to avoid interference from people and stray animals*
- ✓ **Have a wooden box (Stevenson Screen)-** *to keep dedicate instruments like thermometer, hygrometer and barometer*
- ✓ **Faily flat ground free from flooding-** *to avoid splashes of water*

(9 marks)

b. Describe any **three** human activities that cause harmful alteration to the biosphere

- ✓ **Deforestation-** *results in increase accumulation of carbon dioxide in the environment*
- ✓ **Overfishing-** *leads to extinction of some species*
- ✓ **Recreation and tourism** – *leads to increased pollution in the environment*
- ✓ **Mining** – *leads to destruction of plants and animal habitants*
- ✓ **Production of wastes** – *leads to pollution of environment*
- ✓ **Use of chemicals in agriculture activities** – *pollutes the environment*
- ✓ **Construction of urban places-** *leads to destruction of vegetation paving way for construction*

(6 marks)

28. a. Explain any **four** roles of transport in the development of Malawi



- ✓ Transport facilitates **trade** as it enables goods and services to be moved from one area to another.
 - ✓ Transport enables **raw materials** to be carried from where they are produced to areas where they are required e.g. factories. Thus, many industries are located in Blantyre and Lilongwe due to a good network of roads, railway lines and airports.
 - ✓ **For primary industries** such as farming, mining, forestry and fishing to take place properly it requires a good transport system. For example where tobacco is grown it requires transportation to the markets.
 - ✓ Transport **encourages the growth of towns, cities and villages.**
 - ✓ **It determines the population distribution in a country.** Usually many people are found in areas with good transport links. Such transport links encourage the development of social services which are required by people.
 - ✓ Transport **helps in the location of main offices** of the Central Government for easy running of the administration work. For example, many offices are located in Lilongwe because of good transport links.
 - ✓ **It creates employment** to many people in construction, maintenance and transportation.
- It promotes tourism industry** due to easy access to tourist places of interest.

(9 marks)

b. Explain any **three** challenges faced by the social economic activities along the Shire River.

- ✓ **Deforestation** leading to siltation of the river which affects hydroelectric generation at the power sites of Nkula, leading to frequent blackouts and load shedding
- ✓ **Cultivation along the river banks** which make the soil loose contributing to flooding



- ✓ **Disposal of wastes from industries** *such as Nchalo Sugar Irrigation scheme, contributing to water pollution which affects aquatic animals*
- ✓ **Presence of water hyacinth** *commonly known as namasupuni, a poisonous weed that affects fishing*
- ✓ **Seasonal fluctuation of the water in the river** *due to climate change and deforestation affecting power generation, transportation and fishing*

(6 marks)

