



Subject: Grade 8 Social Sciences (Geography)

Topic: Social Sciences (Geography): Term 1 - Mini-exam

Total: 44 Marks

1. Prime

3 marks

Explanation:

Greenwich Meridian is an imaginary line, which **indicates 0° longitude**.

It **runs through Greenwich**, an area in London, and **ends** at the **North** and **South poles**.

Because it indicates **0° longitude**, it is also known as **the Prime Meridian**.

2. Newton | in orbit

4 marks

Explanation:

This tug-of-war keeps the satellite in **orbit** and not spinning out of control.

3. graticule

3 marks

Explanation:

A **graticule** is the **network of lines** of **latitude** and **longitude** that make up a **co-ordinate system** such as the one used on a **map** of the **Earth**.

The **graticule** determines the **latitude** and **longitude** of **places** on **Earth**.

4. false

2 marks

Explanation:

A satellite image taken at midday right in the middle of summer is the **best** time of day to accurately view features on the earth's surface because the shadows are at their shortest then.

5. harbour | park/golf course | sea

6 marks

Explanation:

This is a satellite image of the Cape Town Stadium.

The top of the image is north.

To the North-East of the stadium you see **a harbour, a park/golf course and sea**.

6. 21-30 | 21 to 30

3 marks

Explanation:

Bright green represents **21-30** parts of phosphorus.



7. false

3 marks

Explanation:

This is **not** how Western Lake Erie looks in real life!

Data from satellites has been analysed and colour coded so that scientists can see where there is the most phosphorous in Lake Erie.

The phosphorous is made by a harmful algae.

8. B: line scales and ratio scales.

4 marks

Explanation:

Although there are **three types of scales**, namely: the line scale, the word scale and the ratio scale, the **word scale** is **not often used** on maps.

Line scales and ratio scales take up **less space** and can be understood **without** having to **understand** the **language** used.

9. line | 100

4 marks

Explanation:

The **ground distance** is written **on the line** as a **number**:

- **1 cm** on the **map represents 100 km** on the **ground**.
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10. false

2 marks

Explanation:

False. There are no clouds over the Sahara Desert.

The Sahara Desert is in North Africa.

11. small | large

4 marks

Explanation:

The **larger** the **area** covered by the map, the **smaller the map scale**.

Large-scale maps are mostly used to **show less ground distance** than small-scale maps.

12. B: Always carry a red onion in your pocket during hurricane season and you will survive any bad storm.

4 marks

Explanation:

Always carry a red onion in your pocket during hurricane season and you will survive any bad storm is a superstition held by **some** people from the south of America!

13. false

2 marks

Explanation:

All countries, oceans, cities and features, such as **mountain ranges,** rivers or deserts, can be accurately pinpointed on a map by using its **co-ordinates.**

The co-ordinates of any given **place or feature on Earth** will be that point on a **map** where the lines of **latitude** and the lines of **longitude intersects** where the specific **place or feature** are **situated.**

Total: 44 Marks