

Target: \_\_\_\_\_\_/ 56 or \_\_\_\_\_\_ % 👍 👎

56

Year 9 HASS- Geography

***Task 1: In Class Content Assessment Biomes & Food Security (8% weighting)***

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Teacher: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Time: 5 minutes reading time and 50 minutes working time.**

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**SECTION ONE – MULTIPLE CHOICE (10 marks)**

Read each key term, or statement, and circle only one option from A-D with a pen as your response.

1. SHEEPT stands for…

a) **social, historical,** **environmental, economic, political, technological**

b) space, human, environmental, economic, political, technological

c) society, historical, economy, environmental, politics, technology

d) social, historical, environmental, economic, power, technological

1. What are biomes characterised by?

a) The politics of that area

b) The cultural background of that area

c) The collection of plants and animals found in that area

d) **The plants and animals that used to be found in that area**

1. Which of the following is NOT a biome?
   1. Mangroves
   2. Tundra
   3. Tropical Rainforest
   4. **Plantation**
2. The earth has five major biomes. These five major biomes are –

a) **Aquatic, grassland, tundra, forest and desert**

b) Marine, Aquatic, tropical rainforest, tundra and desert

c) Grassland, Savanna, Ice, Marine and Taiga

d) Aquatic, desert, grassland, tundra and temperate rainforest

1. What is the cause of the most widespread damage to biomes?
2. Erosion
3. Cattle grazing
4. **Land clearing**
5. Tourism
6. Grasslands are seen as transitional environments between

a) Savanna and Tundra

b) **Forest and Desert**

c) Tundra and Desert

d) Forest and Grasslands

1. If a population has safe access to nutritious food, it is said to be;

a) Food insecure

b) **Food secure**

c) Developed

d) Undeveloped

1. Which of the following is a biome not found on the Australian Continent?

a) Desert

b) Mediterranean Savannah

c) **Tundra**

d) Tropical Rainforest

1. What is the name of the line of latitude where most of the world’s tropical rainforest biomes are located near the?

a) Prime Meridian

b) Tropic of Cancer

c) Tropic of Capricorn

d) **Equator**

1. Land based biomes are called…

a) Land based biomes

b) **Terrestrial biomes**

c) Aquatic biomes

d) Lithosphere biomes

**SECTION TWO – MULTIPLE CHOICE & SHORT ANSWER - SOURCE ANALYSIS (13 marks)**

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Refer to **SOURCE 1** to answer the following questions;

1. What does the dark green colour represent on this thematic map?

Under 5% of the world population is undernourished

**Under 5% of the population of that nation is undernourished**

Under 5% of the population of that nation is nourished

Under 5% of the population of the world is nourished

1. Which of the following continents is experiencing the most food insecurity?

Asia

Australia

South America

**Africa**

Refer to **SOURCE 2** to answer the following question.

1. With reference to **Source 2,** **identify** what PQE stands for and **briefly explain** what is shown in Source 2 using the PQE method. **(5 marks)**

|  |  |
| --- | --- |
| **DESCRIPTION** | **MARKS** |
| Clearly explains with detail that Source 2 is showing ‘The Global State of Food Security’, with clear references to Source 2. Makes clear and multiple references to Source 2 throughout, including using the key, locations on the map, key and colours.   * Identifies all parts of PQE – patterns, quantify and exception (1/2 each) * Refers clearly to the PQE method throughout and states at the start what it stands for (Patterns, Quantify and Exceptions). * Uses the PQE method to identify a clear pattern on the map, they then quantify this by referring to the data, followed by pointing out exceptions to their pattern. * May provide other relevant observations relating to the source. Overall, a well written response. * *E.G. Pattern – all of North America and South America have ‘good performance’, as indicated by the green and it is shown in the key (Quantify) and exception to this would be northern parts of South America.* | **4 - 5** |
| Briefly describes and/or outlines ‘The Global State of Food Security’ and uses some references to what the PQE method means in relation to Source 2 and refers to Source 2 at times throughout their response.  Refers to most of the following aspects:   * States what PQE method means but lacks description when it comes to referencing what it means in their response. May not make clear reference to the source or response may lack clarity. | **3** |
| Outlines briefly what Source 2 shows but makes limited references to Source 2 and the PQE method. May make reference to the source. Does not address all aspects of the question. Answer lacks clarity or is incorrect.  Makes limited or very basic references to the source. | **1 - 2** |

Refer to **SOURCES 3 AND 4** to answer the following questions;

1. **State** two biomes which are mostly used for cropland? **(2 marks)**

**GRASSLAND, SAVANNAH AND TEMPERATE FOREST (ANY COMBINATION OF THESE) – 1 MARK EACH**

1. **State** two biomes which are mostly used for pasture, i.e. animal grazing. **(2 marks)**

**GRASSLAND, SAVANNAH - 1 MARK EACH**

1. **State** two biomes which produce the least food. **(2 marks)**

**TUNDRA, DESERT, ICE, TAIGA – 1 MARK EACH**

**SECTION THREE –SHORT ANSWER (33 marks)**

1. **State** what SPICESS stands for: **(7 marks)**

**S - SPACE**

**P - PLACE**

**I - INTERCONNECTION**

**C - CHANGE**

**E - ENVIRONMENT**

**S - SUSTAINABILITY**

**S – SCALE**

**1 MARK EACH**

1. Select two of the 7 key concepts of geography and **define** these concepts using an example of biomes or food security. **(6 marks)**

**MAY CHOOSE ANY OF THE 7 KEY CONCEPTS**

* + - * 1. **2 MARK FOR CORRECT DEFINITON FOR EACH OF THE CONCEPTS CHOSEN (4 MARKS IN TOTAL)**
        2. **1 MARK FOR ATTEMPTING A DEFINITION BUT DOES NOT DEFINE CLEARLY.**
        3. **1 MARK FOR APPROPRIATE EXAMPLE FOR EACH OF THE CHOSEN CONCEPTS (2 MARKS IN TOTAL)**

1. **State** three characteristics which influence a biome’s spatial distribution. **(3 marks)**

* **Climate**
* **Soil**
* **Elevation**

**1 mark each**

1. With the use of an example, **define** food security. **(3 marks)**

**MARKS ALLOCATION:**

1. **2 MARK FOR A CORRECT DEFINTION OF FOOD SECURITY,**
2. **1 MARK FOR AN APPROPRIATE EXAMPLE**
3. **MUST BE FULL SENTENCES AND WELL STRUCTURED FOR FULL MARKS ALLOCATION**

***Food security – the physical availability of food and whether people have the resources and opportunity to gain reliable access to it.***

1. **List** two reasons for food insecurity. **(2 marks)**

**1 – Mark each**

**Answers could include lack of access to food due to geographical location, lack of resources (including financial and transport), poverty, shortages of water, climate change**

1. **List** the four causes of land degradation. **(4 marks)**

**1 – Mark each**

**Examples of causes:**

* **Overgrazing**
* **Erosion**
* **Salinity**
* **Pest invasion**
* **Drought**
* **Misusing fertilizers**

1. **Outline** how the forest biome has been affected by humans. **(3 marks)**

|  |  |
| --- | --- |
| **DESCRIPTION** | **MARKS** |
| Clearly outlines how the forest has been affected by humans.  *Could include land clearance and deforestation, in the tropical rainforest.*  *Could include construction of urban areas and infrastructure.*  *For full marks must provide a specific example.* | **3** |
| Briefly outlines how the forest biome has been affected by humans. Response is generic and does not include an example. | **2** |
| Limited information provided when outlining how the forest biome has been affected by humans. | **1** |

1. With reference to the grassland biome and specifically climate factors (precipitation, temperature), **describe** the relationship between climate and food security.

*A good answer will make reference and give specific examples of climate factors and also reference water scarcity.*

**(5 marks)**

|  |  |
| --- | --- |
| **DESCRIPTION** | **MARKS** |
| Clearly describes in detail the relationship between climate and food security.  Student makes clear references to the grassland biomes, including crops etc and how this biome relies on precipitation (rainfall) for crops to grow.  Student includes references to what food security means and includes in response.  For full marks student provide examples, student may even used sources from the source sheet as supporting evidence. | **4 - 5** |
| Briefly describes and/or outlines the relationship between climate and food security.  Student makes some references to the grassland biome and climate factors.  Student makes some references to food security throughout.  Attempts to include specific examples. | **3** |
| Outlines briefly the relationship between climate and food security.  Makes limited references to grassland biome and climate factors.  Does not address all aspects of the question. Answer lacks clarity or is incorrect.  Makes limited or very basic references to specific examples. | **1 - 2** |

**End of Assessment**