

**2022 United States Geography Championships - Written Examination  
Question Packet**

**General instructions -**

Respond to each of the following questions on the answer document provided. Only answers written in the appropriate space on the answer document will be marked. Where appropriate, you should write sentences or phrases instead of single words. If a question or section asks for a specific number of reasons or answers, give only the required number of answers specified. The examination consists of eight sections, and each section will be worth the specified number of marks. You have one hour to complete this section of the examination and the accompanying multiple choice questions.

**Section 1 – Global Supply Chain [30 marks] (Refer to the image in Section 1 of the resource booklet.)**

1. Given the example in the image, briefly discuss in a well-developed paragraph how the Covid-19 pandemic has caused disruptions in the global supply chain for manufacturing.
2. Briefly explain THREE measures that companies could realistically prevent these types of supply chain disruptions from happening in the future.
3. As lockdowns started in early 2020, many consumer goods, including meat, vegetables, yeast and toilet paper, were in short supply throughout the US. Citing ONE consumer good as a specific example, briefly explain why this good was in short supply and what producers could have done or did to address these shortages, and why supplies stabilized later in the pandemic.
4. Briefly explain THREE reasons why shipping containers are used so prevalently in global trade.
5. Briefly explain THREE reasons why ships traversing the Panama Canal must be smaller than ships using the Suez Canal.

**Section 2 – Historical Geography [20 marks]**

1. In a short essay (2-3 well-developed paragraphs), discuss the political, social and economic effects of immigration to the United States in ONE of these eras – the 1880s to the 1920s OR the 1960s to present. In your answer be sure to identify the regions from which people were emigrating to the United States and where they settled.

**Section 3 – Plate Tectonics and Volcanism [30 marks]** (Refer to the image in Section 3 of the resource booklet.)

1. Using the image provided, identify by number each of the following (some numbers may be used more than once) – convergent plate boundary, divergent plate boundary, transform plate boundary, a shield volcano, a stratovolcano, a continental rift zone, the most likely location of a shallow earthquake, the most likely location of a deep earthquake, the lithosphere, the asthenosphere, an oceanic trench, a volcanic arc
2. Identify whether each of the following locations is a convergent, divergent or transform boundary – the Aleutian Islands, the North Anatolian Fault, the Galapagos Rise, the Mariana Trench, the Mid-Atlantic Ridge, the Dead Sea Rift
3. Which is likely to be more damaging, a shallow earthquake or a deep earthquake? Explain your answer in as much detail as possible in the space provided.
4. What region of the United States would have a feature like number 1 on the right side of the diagram? Identify ONE instance of volcanic activity in the region you identified in the last 60 years.
5. Briefly explain why Hawai'i has so much volcanic activity. How many active volcanoes are there in Hawai'i today?

**Section 4 – Glaciers [20 marks]** (Refer to the image in Section 4 of the resource booklet.)

1. Using the image provided, identify each of the following by number – kettle lakes, outwash plain, recessional moraine, drumlins, esker, ground moraine, terminal moraine, kame
2. Briefly explain in the space provided how a retreating glacier results in the formation of a kettle lake.
3. Briefly explain in the space provided how a fjord is formed by the action of a glacier.
4. Define the term patterned ground. Briefly describe in the space provided how patterned ground forms in periglacial regions.