

2018 United States Geography Olympiad - Map Skills Examination (Elementary)

Student Name _____ School _____

General instructions - Respond to each of examination questions in the space provided. Only answers written in the appropriate space on the answer document will be marked. Please write clearly and legibly.

Section 1 - [10 points]

Use the map in section 1 and the word bank below to complete the following. Every word in the bank will not be used. Some words may be used more than once.

| | | | |
|-------------|------------|------------|---------|
| Iran | Azerbaijan | Kazakhstan | Georgia |
| Turkey | Ararat | Aragats | Hrazdan |
| Sevana Lich | Baku | Nakhchivan | Yerevan |

1. [6 points] This map shows the nation of Armenia and surrounding countries, including the nation of _____, which borders Armenia to the east. The capital of Armenia, _____, is indicated on the map with a star. Armenia's largest lake, called _____, is east of the capital, while Mount _____, the highest point in Armenia is located to the northwest. Although it isn't shown on the map, _____ borders Armenia to the west, while the Republic of _____ borders Armenia to the north.

2. [4 points] Answer the following questions about this map by circling T or F for each statement.

| | | |
|---|---|---|
| The capital of Azerbaijan is shown on this map. | T | F |
| There is a railroad line connecting the towns of Abovian and Zod. | T | F |
| According to the map, Armenia has 3 major airports. | T | F |
| The city of Nakhchivan is the capital of an autonomous republic. | T | F |

Section 2 - [10 points]

Use the map in section 2 and the word bank below to complete the following. Every word in the bank will not be used. Some words may be used more than once.

| | | | |
|------------|-------------|----------------|-----------|
| subduction | divergent | San Andreas | tectonic |
| convergent | destruction | Rocky Mountain | transform |

1. [6 points] This map shows the major _____ plates of the earth. These plates move in the directions shown by the arrows. There are three types of boundaries between the plates - _____ boundaries, which means plates are spreading apart; _____ boundaries, which means the plates are coming together; and _____ boundaries, which is when the plates slide sideways past each other. In places where plates slide past each other, faults can occur, like the _____ fault in the Western United States, where the North American and Pacific Plates meet. Where plates converge, sometimes one plate will get pushed under another, which is known as _____.

4. [4 points] Answer the following questions by circling T or F for each statement.

| | | |
|--|---|---|
| Volcanic activity in Hawaii is the direct result of a major plate boundary | T | F |
| The Pacific Plate and the Eurasian Plate are diverging near Japan | T | F |
| Some smaller plates, like the Juan de Fuca Plate, are not shown on the map | T | F |
| The location marked 'A' on the map shows a subduction zone | T | F |

Section 3 - [10 points]

Use the map in section 3 and the word bank below to complete the following. Every word in the bank will not be used. Some words may be used more than once.

| | | | |
|-----------|-----------|-----------|-------------|
| Jamaica | Cuba | Belize | El Salvador |
| Panama | Colombia | Venezuela | Mexico |
| Nicaragua | Guatemala | Texas | Louisiana |

1. [3 points] Identify the countries represented on the map by each of the following letters -

M - _____ O - _____ Q - _____

2. [5 points] On the morning of August 19, the island of _____ would be most severely affected by the storm. By the morning of August 20, the countries of _____, _____, and _____ would likely be the most severely affected. With a likely landfall on August 22, northern Mexico and the US state of _____ would be the areas hardest hit by the storm.

3. [2 points] Once the hurricane makes landfall on August 22, what will happen to the wind speed of the hurricane? Why will this change take place?

Section 4 - [10 points]

Use the maps in section 4 to complete the following.

1. [5 points] Complete the following chart. The first row has been done for you as an example.

| Country | Income Classification | HDI Classification |
|-----------|-----------------------|--------------------|
| Egypt | 2 | M |
| Nepal | | |
| Angola | | |
| Argentina | | |
| Russia | | |
| Zimbabwe | | |

2. [5 points] Answer the following questions by circling T or F for each statement.

| | | |
|---|---|---|
| There are no countries at income level 4 in the Southern Hemisphere | T | F |
| There are no countries at income level 1 in the Western Hemisphere | T | F |
| Somalia is not ranked on the Human Development Index | T | F |
| The Human Development Index measures income and several other factors | T | F |
| Cuba is ranked 'high' on the Human Development Index | T | F |

Section 5 - [10 points]

Use the map in section 5 and the word bank below to complete the following. Every word in the bank will not be used. Some words may be used more than once.

| | | | |
|-------------------|-----------|----------|---------|
| Great Britain | Japan | France | Germany |
| the United States | Russia | Cambodia | Brazil |
| less than | more than | | |

1. [4 points] According to the map, _____ had the largest number of McDonald's restaurants in 2003. The country with the second-largest number of McDonald's in the world is _____, although this is hard to see on this map because the circle covers the entire country. According to this map, China had _____ 500 McDonald's restaurants in 2003. In 2003, _____ did not have a McDonald's.

2. [4 points] Answer the following questions by circling T or F for each statement.

| | | |
|---|---|---|
| There are more McDonald's restaurants in wealthy countries than poor ones | T | F |
| There are no McDonald's restaurants in South Africa | T | F |
| Brazil had less than 500 McDonald's restaurants in 2003 | T | F |
| There were no McDonald's restaurants in Kazakhstan or Mongolia in 2003 | T | F |

3. [2 points] In the US, the most popular item on the McDonald's menu is the Big Mac, while in India, the most popular menu item is the Chicken Maharaja Mac. What aspect of Indian culture makes this sandwich so popular, as opposed to a standard Big Mac in the US?
