

2017 United States Geography Olympiad - Written Examination (Elementary School)

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 marks]

Use the charts 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.

India	the United States	women	men
faster	slower	greater	less
increasing	decreasing		

1. According to the charts, _____ has a larger population than _____ . Based on the shape of the charts the population of the United States is growing _____ than the population of India. In the US, the birth rate is _____, while in India, the birth rate is _____.

2. Answer the following questions by circling T or F for each statement.

Women outnumber men in most age groups in India.	T	F
The population of India is growing very slowly.	T	F
In both the United States and India, men are more likely to live past 80.	T	F
The average age in America is less than the average age in India.	T	F
In the US, there are a roughly equal number of men and women.	T	F

Section 2 - [14 marks]

Use the map in section 2 to complete questions 1-4.

1. [4 marks]

Name the two main islands shown on this map. _____

Which two cities on the map are national capitals? _____

2. [6 marks] What is the average temperature for each of the following months -

Lake Vyrnwy - April _____ August _____ December _____

London - March _____ September _____ November _____

3. [2 marks] Why do you think the average temperatures in Llanbedr and Lake Vyrnwy so different even though they are so close together on the map?

4. [2 marks] Why do you think the average temperatures in Edinburgh are so much lower than the temperatures in London?

Section 3 - [16 marks]

Use the picture 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.

sedimentary	metamorphic	igneous	basalt
marble	sandstone	pressure	deposition
erosion	heat	subduction	magma
intrusive	extrusive	rivers	erosion

1. [5 marks] On this picture, the _____ of sediments occurs at the point marked A. These sediments come from _____ leaving material as they enter the ocean, and the action of _____ on coastal landforms. As a result of build up and compaction, _____ rocks are formed, and example of which is _____.

2. [6 marks] At the place marked B on the picture, _____ rocks are formed due to extreme _____ and _____. These rocks can be classified as _____ (if they are below the surface) or _____ (if they are above the surface). One example of this type of rock is _____.

3. [5 marks] The area marked C shows a boundary between two tectonic plates where the process of _____ is occurring. Where this process occurs, _____ rocks are formed. These rocks are also formed partly because of extreme _____ and _____. One example of rocks formed here is _____.

Section 4 - [7 marks]

Use the pictures in section 4 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.

cave	arch	platform	mound
crack	stump	stack	crater

1. [5 marks] Label each of the following features on the first picture. 1 _____
2 _____ 3 _____ 4 _____ 5 _____

2. [2 marks] What process would produce features like the ones seen in these pictures? In what country was the second photograph likely taken?

Section 5 - [8 marks]

Use the maps in section 5 to complete the following.

1. [4 marks] How often did each of the following cities have passenger rail service every day in 2005?

Buffalo, NY _____ Boise, ID _____

Chicago, IL _____ New Orleans, LA _____

2. [4 marks] What is the difference between the amount of passenger rail service in the United States in 1965 and 2005? Why do you think this change took place?
