

2017 United States Geography Olympiad - Map Skills 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 - [9 marks]

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.

hurricane	tsunami	water spout	Tokyo
epicenter	Kyoto	none	same
Fukushima	Shizuoka	Mito	Nagano
water	more	plates	subduction
Sendai	coast	less	displacement

1. [6 marks] The epicenter of the earthquake is located off the _____ of Japan. The shaking intensity was highest near the _____ of the earthquake. According to the map, the cities of _____ and _____ experienced the highest intensity tremors. Tokyo would have experienced _____ intense shaking than the city of Fukushima. Also, the city of _____ would have experienced little or no shaking according to the map.

2. [3 marks] The 2011 Tohoku earthquake resulted in a powerful wave called a _____, also known as a tidal wave. This type of wave is caused by the _____ of a large amount of water, sometimes due to an earthquake. Because of this wave, the city of _____ experienced a disaster at its Daiichi Nuclear Power Plant.

Section 2 - [14 marks]

Use the map in section 2 and the word bank below to complete questions 1, 2 and 3. Every word in the bank will not be used. Some words may be used more than once.

tundra	savanna	temperate forest	tropical rainforest
Kalahari	Arabian	Karakum	Patagonia
severe	mild	dry	wet
Mediterranean	Russia	Australia	England
hot	cold	clear	cloudy
France	China	Gobi	Sahara

1. [5 marks] Very large desert areas are shown on this map. North Africa is dominated by the hot desert region known as the _____, while the _____ Desert occupies much of a namesake West Asian peninsula. The Great Victoria and Great Sandy deserts can be found in _____. Major cold desert areas in Central Asia include the _____ and _____.

2. [4 marks] The Iberian Peninsula and Italy are predominantly within the _____ biome, as is the northern coast of Africa. This biome usually has _____ winters and _____ and _____ conditions in the summer.

3. [2 marks] The northern part of _____ contains both tundra and coniferous forest biomes. The west coast of India contains the _____ biome.

4. [3 marks] Answer the following questions about the tundra biome by circling T or F for each statement.

Trees are commonly found throughout the tundra biome.	T	F
Tundra biomes have very high biodiversity compared to other biomes.	T	F
Melting of permafrost in the tundra releases trapped carbon dioxide.	T	F

Section 3 - [10 marks]

Use the maps in section 3 and the word bank below to complete questions 1 and 2. Every word in the bank will not be used. Some words may be used more than once.

London	Rome	Paris	S. Pietro
FL 1	FL 2	Leonardo Express	MB
Termini	Trastevere	Laurentina	Colosseo
Circo Massimo	Fiumicino	Ostiense	Fontana Trevi
fiume	venti	flaminio	via

1. [4 marks] This map shows parts of the _____ Metro and public transport system. According to the map, _____ is the largest national train station and interchange for this system. The international airport for this city is _____, located on the southwestern edge of the city. Based on the map, the word _____ indicates a river.

2. [3 marks] If you were leaving from S. Pietro station and needed to get to the airport quickly, you could transfer at the _____ station to catch a train to the airport. Of the two airport lines, the _____ train would arrive more quickly according to the map. If you wanted to catch a suburban bus, you could do this at the _____ station at the end of Line B.

3. [3 marks] If you were visiting the Fontana Trevi, and you wanted to take the Metro to the Colosseo stop, describe how you would get there in the space provided.

Section 4 - [10 marks]

Use the map 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.

Grand Coulee	Hoover	Niagara Power Plant	Pacific Northwest
Great Plains	Gulf Coast	coal	oil
Natural gas	nuclear	Columbia	Mississippi
Colorado	Ohio	Tennessee	Snake

1. [5 marks] The area of the _____ is home to a large amount of hydroelectric power generation. Much of this power is generated by dams like the _____, the largest hydroelectric generator in the United States, which dams the _____ river. Another large hydroelectric generator is the _____ Dam on the border of Nevada and Arizona, which dams the _____ River.

2. [5 marks] The _____ has the largest concentration of wind energy production in the United States. The Ohio River basin has a large concentration of _____ power plants, due to a large amount of _____ production in that area. In Alaska, there are many small _____ power plants. According to the map, _____ is the most common type of power generation in the United States.

Section 5 - [7 marks]

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.

Brazil	Peru	Venezuela	Uruguay
Paraguay	Suriname	Bolivia	Kawesqar
Atacama	Chocoan	Titicaca	Amazon

1. [5 marks] According to the map, Andean languages are still spoken in countries like _____ and _____. The Mascoian language family survives in _____. The _____ language survives in a very isolated area of Chile, while _____ is preserved in Colombia and Panama.

2. [2 marks] What is an indigenous language? Why do you think so many indigenous languages survive in the area of Brazil shown on the map?
