DEPARTMENT FOR CURRICULUM,
LIFELONG LEARNING AND EMPLOYABILITY
Directorate for Learning and Assessment Programmes
Educational Assessment Unit

Annual Examinations for Middle Schools 2022

YEAR 8	**GEOGRAPHY**	**TIME: 1 hour**

Name: _____ Class: _____

Answer all questions.

1. Look at Figure 1 and answer the following questions.

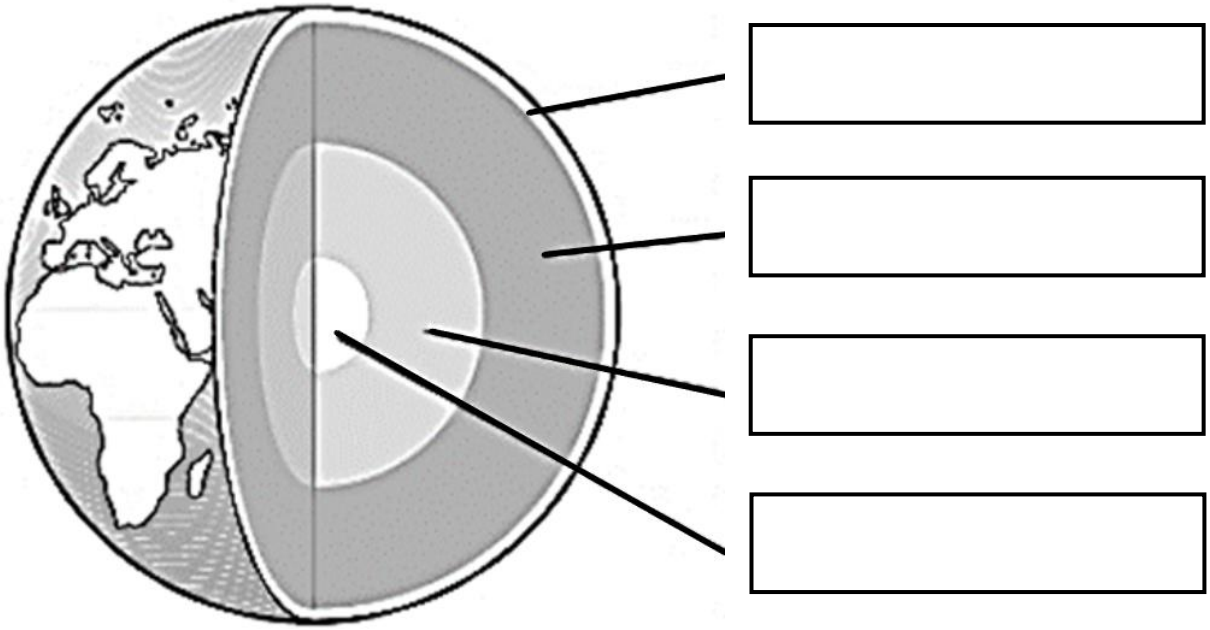

Figure 1

a. Fill in the boxes in Figure 1 by using the following words:
the mantle, the crust, the outer core, the inner core.

(4)

b. Which layer has the highest temperature?

_____ (2)

c. On which layer do we find the continents?

_____ (2)

d. In which layer do we find convection currents?

_____ (2)

e. What do we find in the mantle?

_____

_____ (2)

f. On Figure 1 mark the circular/convection currents by using arrows.

_____ (2)

g. Fill in by using the following words.

towards each other **mantle** **tectonic plates** **inner core**

The hottest part of the earth is found in the _____. This extreme heat goes up through the _____. When the heat currents hit the _____ these start to move. Convection currents cause some tectonic plates to move apart, while in other places they move _____. (4)

h. Mark with a ✓ **three** effects of tectonic plates movement.

Sand storms		Fold mountains	
Hurricanes		Earthquakes	
Volcanoes		Rainfall	

(3)

2. Write **True** or **False** next to each sentence.

		True/False
i	An earthquake is an earth tremor which can cause a lot of damage.	
ii	During an earthquake earth tremors are measured with a seismograph.	
iii	The epicentre is a place on the earth's surface where a tremor is not felt.	
iv	The Richter Scale is the system that shows us the magnitude of an earthquake on a scale from 1 to 20.	
v	An earthquake measuring 8 on the Richter Scale can make buildings collapse and crack streets.	
vi	An earthquake of magnitude 2 on the Richter Scale is barely felt by people.	

(6)

3. Figure 2 is a cross-section of a volcano. Label figure 2 using the following words:

magma chamber **layers of ash and lava** **lava**

main vent **crater**

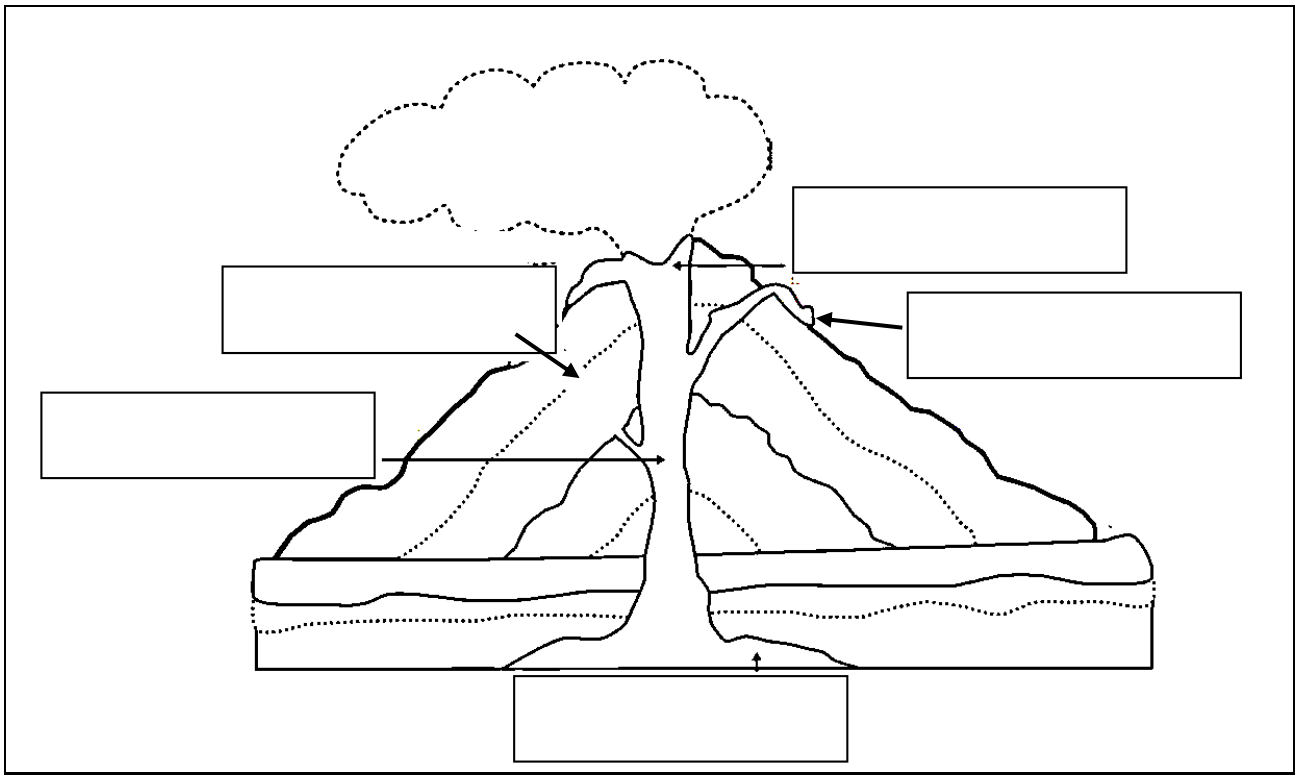

Figure 2

(5)

4. Read the following article, then answer the questions below.

In the world there are more than six hundred active volcanoes which can erupt suddenly from time to time. Despite being dangerous, we still find millions of people living next to them. In fact, it is estimated that around 500 million people live very close to **active** or **dormant volcanoes**.

a. Give the meaning of the following phrases:

i. **active volcanoes**: _____

_____ (2)

ii. **dormant volcanoes:** _____

_____ (2)

b. Name **three** negative effects of a volcanic eruption on people and on the surrounding environment.

_____

_____

_____ (3)

c. List **three** advantages of living next to a volcano.

_____

Maybe

_____

_____ (3)

5. Fill in by using some of the given words. Some words are extra.

snow avalanches, earthquake, tsunami, volcano, hurricanes, tornadoes, drought, sand storms, lightning, forest fires, flooding.

Natural disasters are events that pose a threat to human life.

a. An earthquake under the sea or sea-quake can produce large waves and flooding. Such waves are known as _____.

b. Every year, on the eastern coasts of the United States of America large storms with strong winds and very heavy rainfall are formed. These are known as _____.

c. In hot deserts _____ can form when there are strong winds.

d. In mountainous areas it is quite common to hear about _____ that cover trees and houses and can even cause deaths.

e. Because of extreme heat and drought in summer _____ can form, causing the death of animals and trees.

(10)

6. Study figure 3 and answer the following questions.

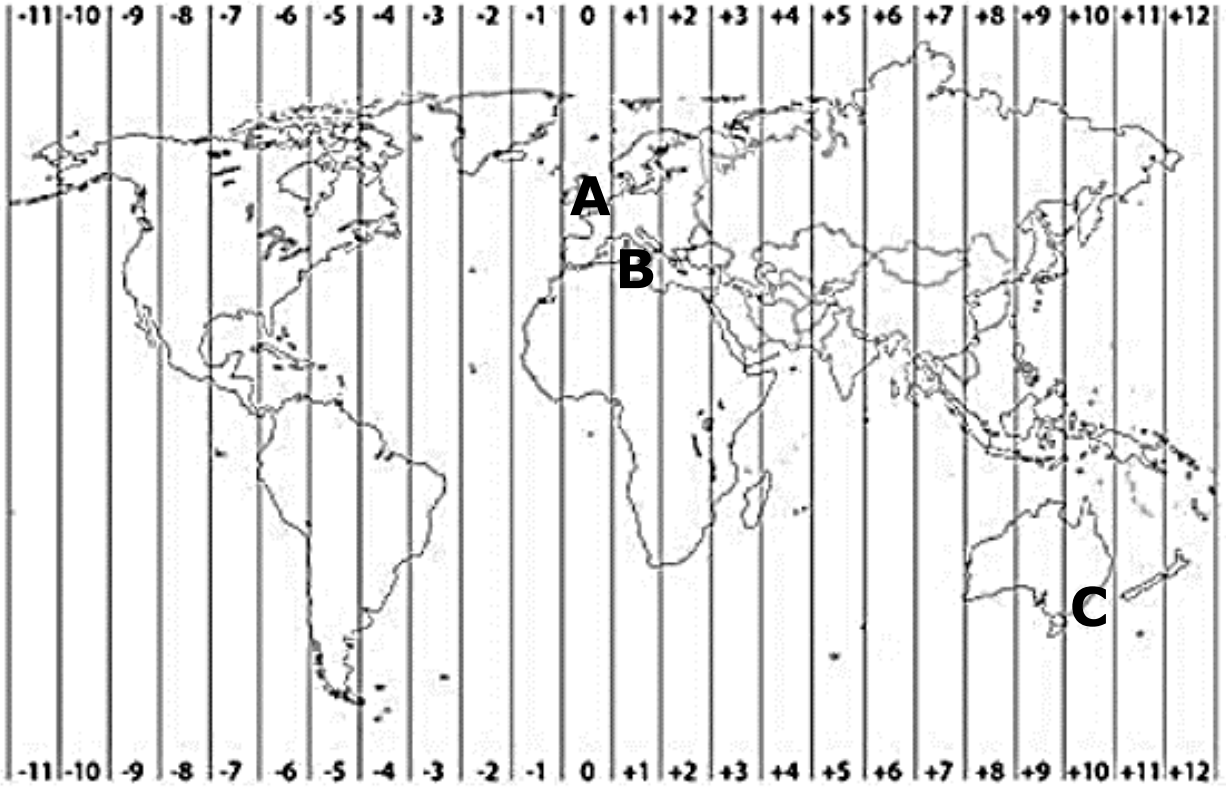

Figure 3

a. How many hours does the earth take to make one complete rotation?

_____ (2)

Anna lives in London, England (marked with an **A** on figure 3). Bernard lives in Valletta, Malta (marked with a **B** on figure 3). Carmen lives in Melbourne, Australia (marked with a **C** on figure 3).

b. Where is sunrise seen first? Choose from: Melbourne **C**, Valletta **B** or London **A**?

_____ (2)

c. Bernard wanted to watch a live football match which starts at 6.00pm London time. He swithched on the television at 6.00pm Malta time, but the football match did not start.

   i. Why did this happen?

   _____ (3)

   ii. At what time should he switch on the television in Maltese time?

   _____ (3)

7. Study Figure 4 and answer the following questions.

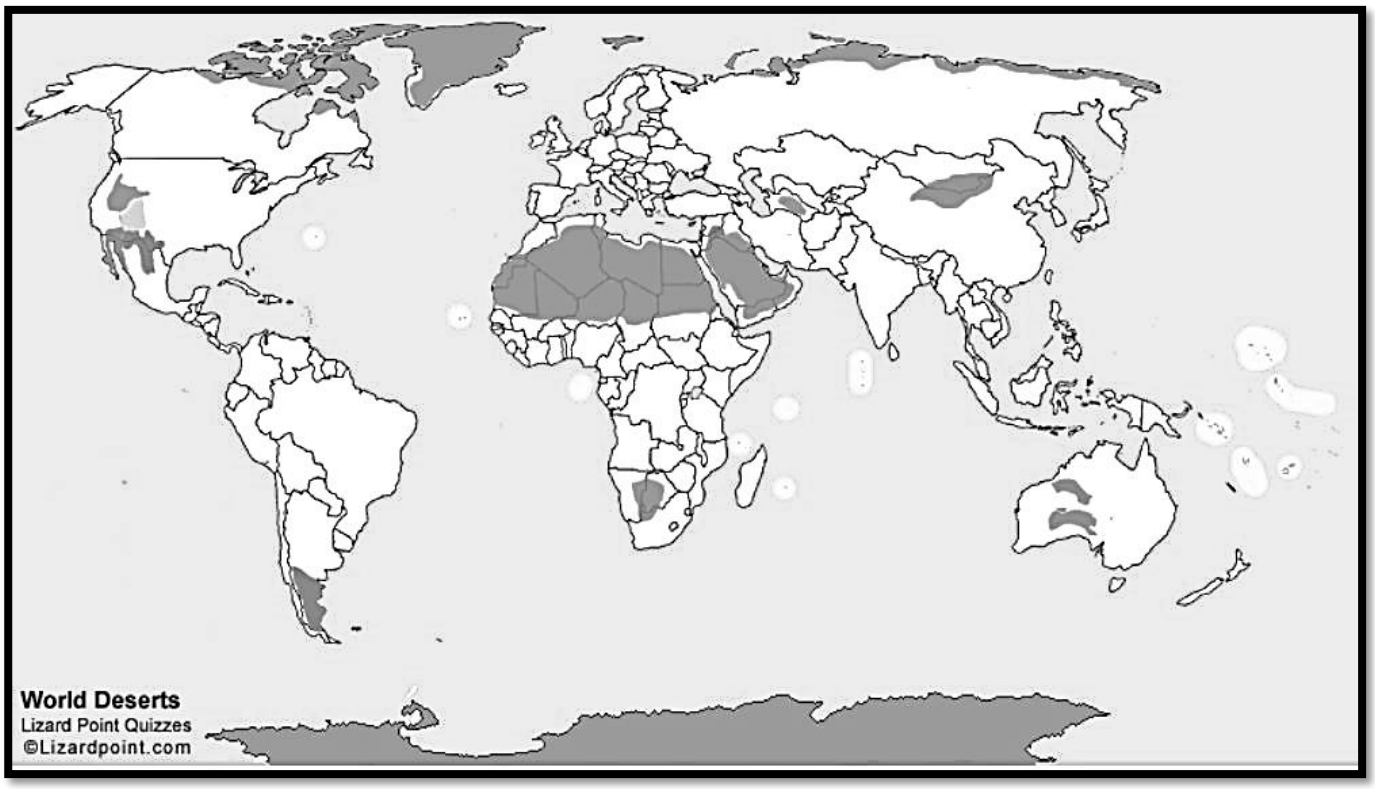

Figure 4

a. i. Name **two** hot deserts.

_____ _____ (2)

ii. Mark them and write their name on figure 4.

(2)

b. i. Name **two** cold deserts.

_____ _____ (2)

ii. Mark them and write their name on figure 4.

(2)

c. What is a desert?

_____

_____ (2)

d. List **two** ways how plants have adapted to live in a hot desert.

_____

_____

_____ (4)

e. Name **two** ways how animals have adapted to live in a hot desert.

_____

_____

_____ (4)

f. Name **two** ways how animals have adapted to live in a cold desert.

_____

_____

_____ (4)

g. In many deserts efforts are made to use these difficult environments for economic purposes.

i. Name **one** such project.

_____ (2)

ii. Write **four** sentences about this project.

_____

_____

_____

_____

_____

_____

_____

_____

_____

_____

(4)

8. Study figure 5 and answer the following questions.

Figure 5

a. Name **one** country that has a border with the North Sea.

_____ (2)

b. Name **two** countries that has a border with Germany.

_____ _____ (4)

c. Which sea borders Romania?

_____ (2)

d. Name a city in Hungary.

_____ (2)