

Annual Examinations for Middle Schools 2024

YEAR 8	GEOGRAPHY	TIME: 1 hour
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Name: _____ Class: _____

Answer all questions in English.

- 1a. Explain why parts of the world have night-time while at the same time others have daylight.

_____ (4)

- b. On figure 1 shade in pencil the area of Earth which is in the darkness. (2)

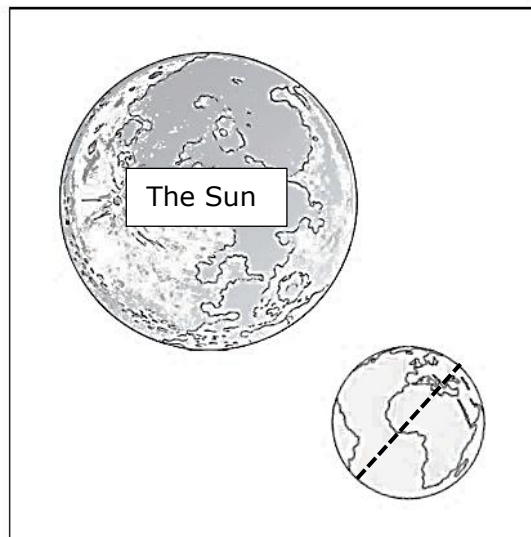


Figure 1

- c. How many hours does Earth take to make one complete rotation on its axis?

_____ (2)

d. Figure 2 is a map of the world showing the 24 standard time zones.

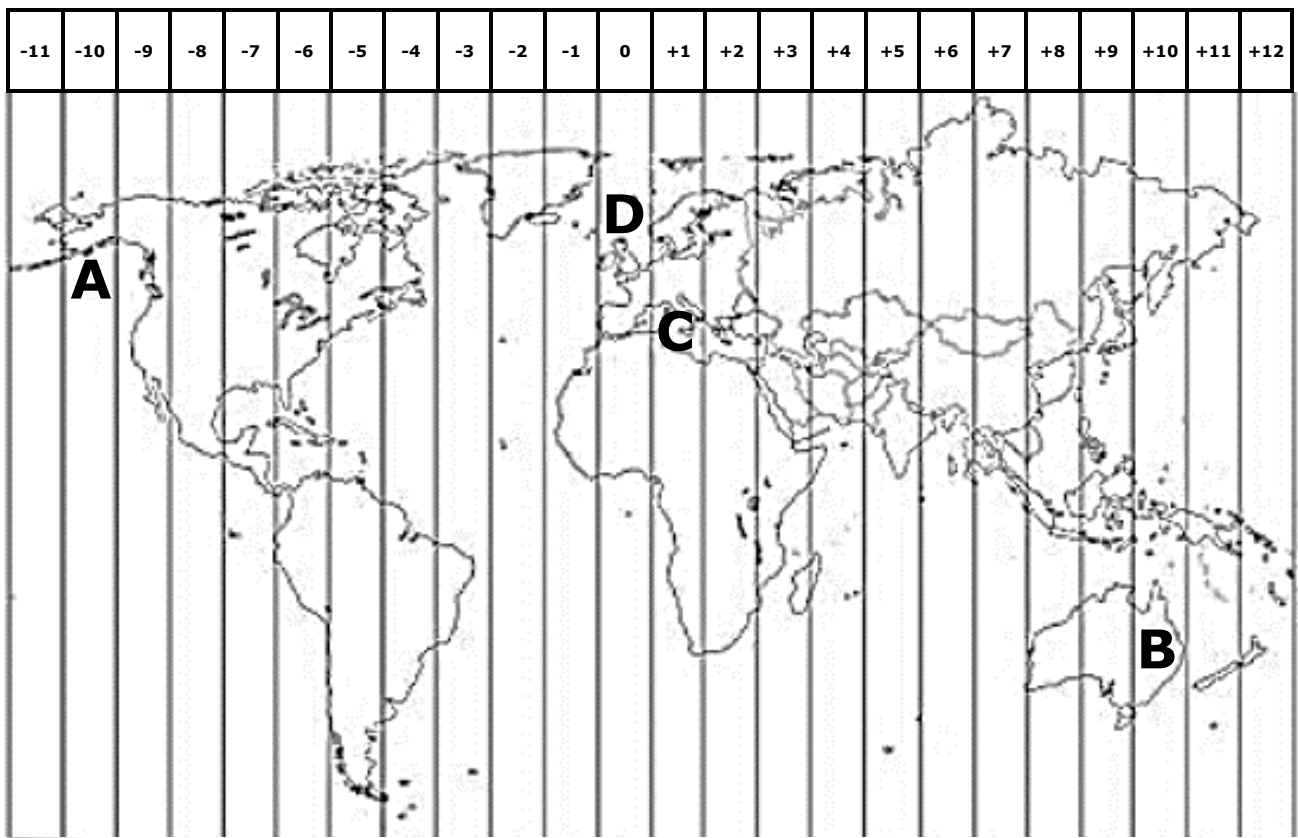


Figure 2

i. Why do we use the map shown in figure 2?

_____ (2)

ii. If at place **D** the time is noon, the time at these places is

C _____

B _____

A _____ (6)

iii. At place **B** it is Thursday and the time is 4pm. What is the day and time at place **A**?

A _____ (4)

iv. On Earth there may be two countries that have a one-day difference between them. True or False?

_____ (2)

2a. What is a natural disaster?

(3)

b. Give **four** examples of natural disasters (excluding earthquake and volcano).

(4)

c. An earthquake is a natural disaster. Write **four** negative effects of an earthquake measuring force 7 on the Richter Scale.

(4)

d. What emergency procedure do we use during an earthquake?

(3)

3. Fill in the Earth structure in figure 3 with these words:

the mantle; the Earth's crust; the outer core; the inner core

(8)

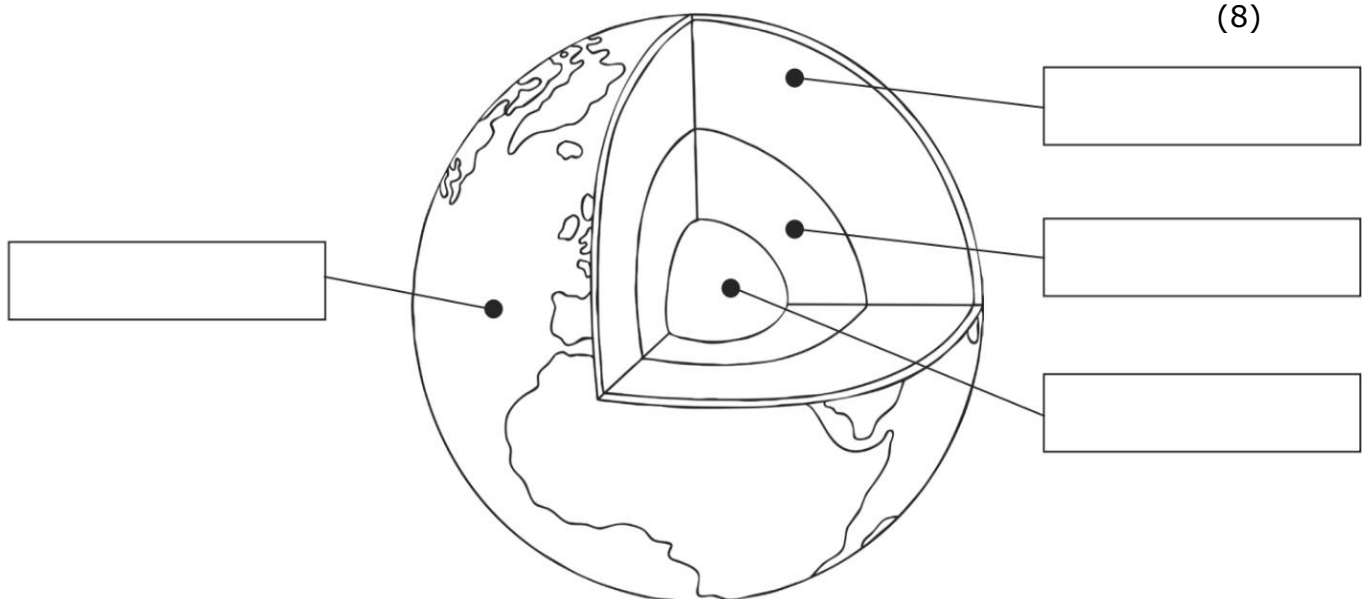


Figure 3



Figure 4

4a. Fill in the table below by writing an example of each.

Hot desert		A
Cold desert		B
Volcano		C
Tectonically active area		D
Fold mountain chain		E

(5)

b. On the map in figure 4, mark the places you mentioned in 4a. Use the letter in the third column to mark the places.

(5)

5. Read this passage and then answer the questions.

Etna is a volcano in Sicily. It is 3,604 metres high, and it has erupted violently several times putting the nearest large city, Catania, in danger. This volcano which can be seen from Malta, is one of the most active volcanoes in the world. The most devastating eruption was that of 1169. This eruption destroyed the city of Catania and killed 15,000 people, while during another eruption in 1669 about 20,000 people died. More recently, in 1928 two villages were almost entirely covered in lava, and in 1947 due to volcanic activity another two craters formed.

(information adapted from <https://mt.wikipedia.org/wiki/Etna>)

a. Explain the difference between an extinct, dormant or active volcano.

(6)

- b. List **three** dangers that Etna can pose to the city of Catania.

(3)

- c. Around half a million people live in the city of Catania. List **three** advantages of living close to a volcano.

(3)

- d. Fill in the blanks in figure 5 with the following words: (4)

magma chamber	crater
ash and lava layers	main vent

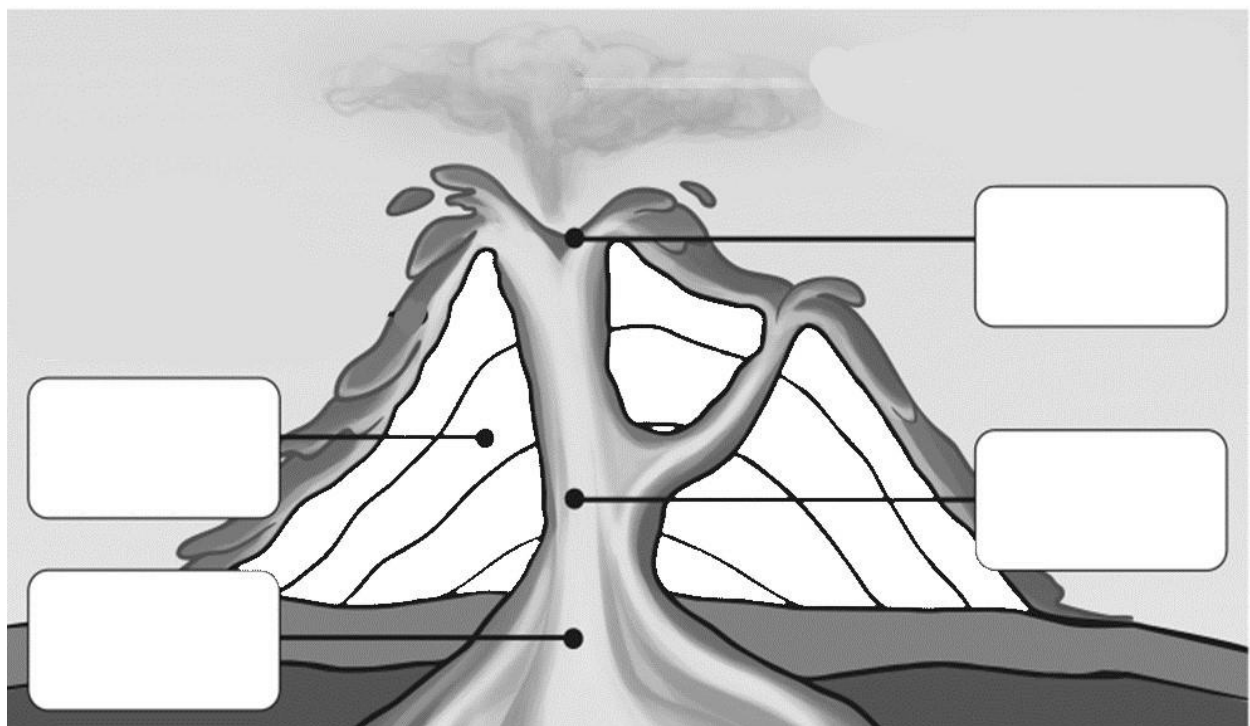


Figure 5

e. Match the following phrases by writing the correct letter in the column:

A	Crater		form the sides of the volcano.
B	Main vent		a reservoir of lava just below the volcano.
C	Ash and lava layers		an opening in the volcano from where lava erupts.
D	Magma chamber		main pipe from where lava flows before erupting.

(8)

6. Look at figure 6 and answer the questions.

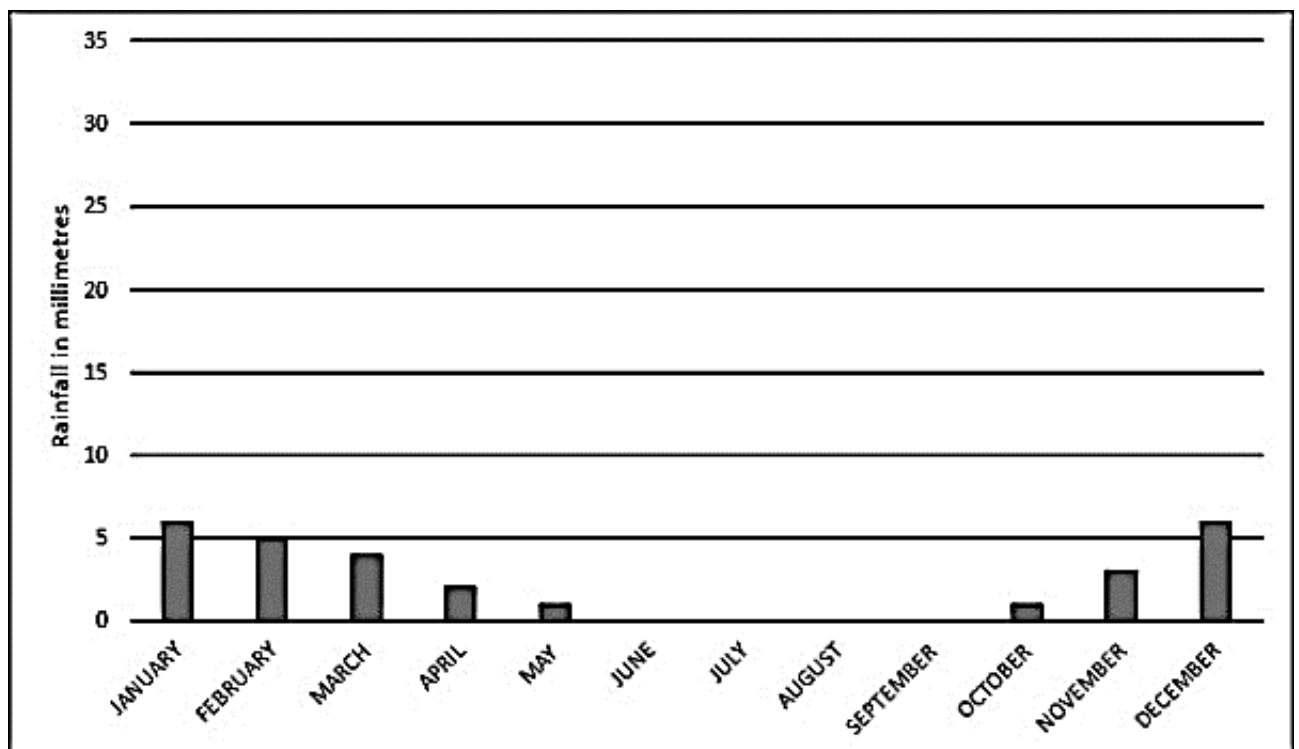


Figure 6

a. This graph shows the amount of rainfall that falls throughout the year in (a warm desert, a tropical rainforest, Malta). Underline the correct answer. (2)

b. Which months have no rain?

(4)

c. Which **two** months have the highest rainfall?

_____ (2)

7a. How do animals adapt to live in a hot desert? Give **one** example.

(2)

b. How do plants adapt to live in a hot desert? Give **one** example.

(2)

c. Give **one** example of an important economic development in the desert and say where this development has taken place.

(2)

d. Write **four** sentences to explain how people have developed parts of the desert for economic purposes.

(8)