

G 4.2 WEATHER



G 4.2.5 - Research some of the effects of extreme weather on the environment and on human beings.

A. Choose the correct answer:

1. When it rains heavily, we often have (floods, earthquakes, tsunamis, fine weather).
2. When it doesn't rain at all we have (floods, drought, earthquakes, tsunamis).
3. During thunderstorms, very often (valleys dry up, electricity supplies fail, we have abundant fruit, we sow potatoes).
4. When it doesn't rain at all, we have (gigantic waves, more fruit than usual, no telephone lines, water shortages).



B. Answer the following.

1. A fisherman decided that he had better not go out at sea. The wind was (light from a West direction, gale force from a North-West direction).
2. Last winter we had a lot of rain. In summer farmers could easily water their crops. Why could they do this?

3. Mention two occasions when rains can do a lot of damage.

a) _____

b) _____

C. EXTREME WEATHER

Read the following:

Some examples of **extreme weather** are: freezing temperatures, heat waves and heavy and prolonged rainfall.



Now answer the following questions:

1. Mention one negative effect of lack of rain.

2. Mention one negative effect of heavy rain that keeps falling over a long period of time: _____

3. Mention one example how man can reduce the negative effects of heavy rainfall. _____

D. Answer the questions about extreme weather:

1. Mention two damages caused by heavy rains:

a) _____

b) _____



2. Mention two damages caused by a drought.

a) _____

b) _____



E. Read the following and then answer the questions.

From a news bulletin of February 21st 2009

News A: Heavy rains over Malta

" Heavy thunderstorms and rains fell over the Maltese Islands yesterday afternoon. No less than 50 millimetres of rain were measured between 2.00pm and 3.00pm. The Civil Protection Department issued warnings for people to avoid certain low areas such as Birkirkara and Msida."



Can you think of two damages caused by yesterday's storms?

1. damage A:



2. damage B:

F. What would you do in such a situation?

G. Answer the following questions about extreme weather:

Some examples of extreme weather are: heavy rainfall over a long period of time, floods, long periods of time without any rain, droughts.

Mention **two problems** in each column. Look at the examples.

| FLOODS | DROUGHT |
|---|--|
| <p><i>Example</i> : rubble walls are damaged</p>  | <p><i>Example</i> : fruit doesn't grow</p>  |
| <p>1. _____</p> <p>_____</p> <p>_____</p> <p>2. _____</p> <p>_____</p> <p>_____</p> | <p>1. _____</p> <p>_____</p> <p>_____</p> <p>2. _____</p> <p>_____</p> <p>_____</p> |