OL Long Rocks and weathering

1

3A. Rocks

(i) Name ONE rock that you have studied and state if it is an Igneous or a Sedimentary or a Metamorphic rock.

(ii) Describe how the rock you have named in part (i) above was formed.

(iii) Explain ONE reason why people might object to a quarry being located near their home.

(10)

2

5A. Chemical Weathering in the Burren

(i) What are the names given to the slab at X and gap Y in the photograph above?

(ii) Explain how chemical weathering has formed this limestone pavement.

(iii) Describe ONE problem that increased tourism might bring to the Burren.

(10)

3

A. Deposition

(i) Name ONE feature formed by glacial deposition OR coastal deposition.

(ii) Explain, with the aid of a labelled diagram, how this feature was formed.

(10)
B. Mechanical Weathering

(i) Name the type of mechanical weathering shown in the images above.

(ii) With the aid of the images above, describe how this type of mechanical weathering occurs.

(iii) Explain the term *scree*.

(10)

C. Rocks

(i) Name **ONE** rock and state **ONE** use of this rock.

(ii) Explain how this rock was formed.

(iii) Describe **ONE** advantage of quarrying.

(iv) Describe **ONE** disadvantage of quarrying.

(12)
A. **Rocks**

There are three major rock groups: Igneous, Sedimentary and Metamorphic.

(i) Name **ONE** rock from each group.

(ii) Choose any **ONE** rock that you have named and describe how it is formed.

(iii) State **TWO** uses of this rock.

B. **Weathering**

![Weathering Diagram](www.bbc.co.uk/schools)

(i) With the aid of the diagrams above explain how rocks are weathered by freeze-thaw (frost shattering).

(ii) Explain the term scree.

C. **Rocks**

(i) Name **ONE** sedimentary rock and describe **ONE** use of this rock.

(ii) Name **ONE** metamorphic rock and describe **ONE** use of this rock.

A. **Rocks**

(i) Name **ONE** rock you have studied and state if it is Igneous or Sedimentary or Metamorphic.

(ii) Describe how the rock you have chosen in part (i) above was formed.

(iii) Give **TWO** reasons why people might object to a quarry being opened near their home.
C. Weathering

(i) Use the diagrams above to explain how rocks are weathered by freeze-thaw (frost shattering).

(ii) Explain why freeze-thaw (frost shattering) is more likely to occur on mountains rather than on lowland.
B. Weathering in the Burren

(i) What type of rock is limestone? [2]

(ii) This picture shows limestone pavement.

What is the name given to the slabs of limestone at X?

What is the name given to the deep weathered gaps between them at Y? [2]

(iii) Name any TWO underground landforms found in the Burren. [4]

C. The Burren is very attractive for tourists. Tourism brings benefits to this area but can also cause problems.

Name ONE benefit and explain how it helps the Burren area and the people living there.

Name ONE problem and explain how it is caused by tourism. [8]

C. Extracting Rocks

(i) Name any TWO rocks. [2]

(ii) Rocks (Stone) have many good uses for people. Describe ONE use of each rock you named. [4]
A. **Rocks** can be used in many different ways by people.

(i) Name **three** rocks and say how each one can be used. [6]

(ii) Explain why people might object if a quarry to extract rock was opened near their home. [4]