

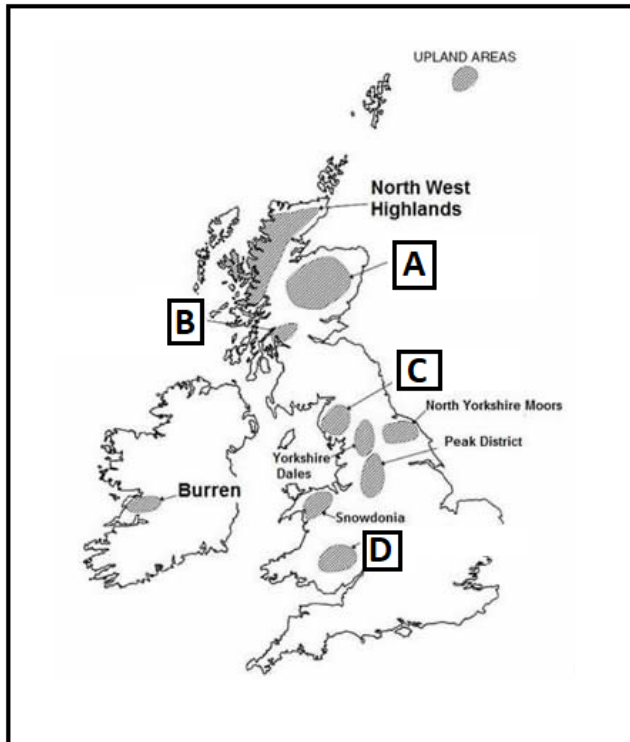


S3 Nationals

Geography Homework Booklet

- All tasks should be completed in your homework jotter.
- Write in full sentences. Do **NOT** bullet point answers.
- Use **blue** or **black** ink.
- Credit will be given for annotated diagrams, where appropriate.

Glaciation - HOMEWORK 1 - 10 Marks



Question 1

Explain what a 'glaciated area' is
(1 mark)

Question 2

Name the glaciated areas A, B, C and D
(4 marks)

Question 3

Using a diagram explain how a glacier is formed
(2 marks)

Question 4

Suggest 3 reasons why **tourism** is so popular in glaciated areas such as Loch Lomond

(3 marks)



Glaciation - HOMEWORK 2 - 11 marks

Question 1

Explain the following processes in detail:

- a) Abrasion
- b) Plucking
- c) Frost Shattering

(3 marks)

Question 2

Explain the formation of a corrie.

You may use a diagram(s) in your answer.

(4 marks)

Question 3

Explain the formation of a U-shaped valley.

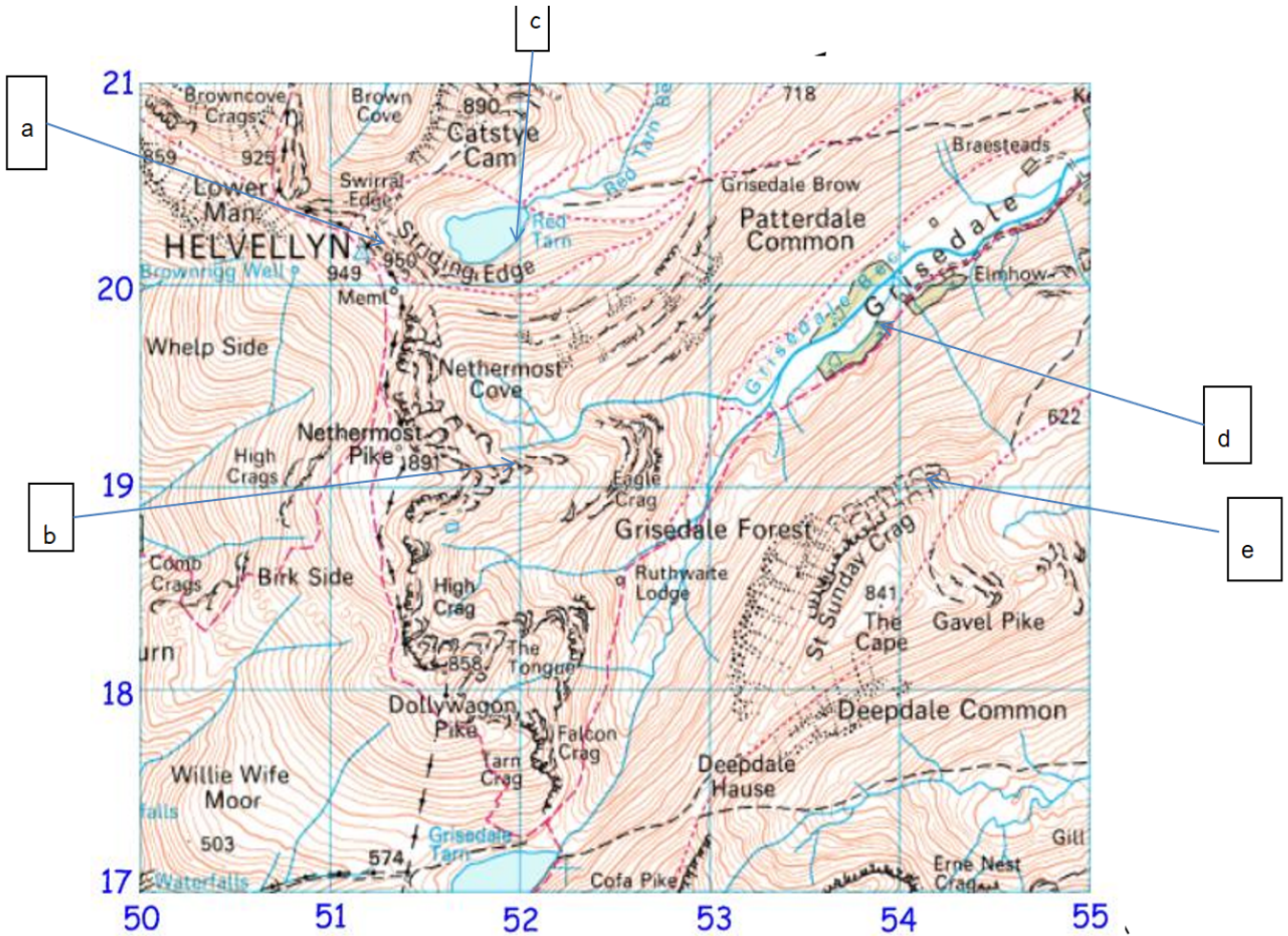
You may use a diagram(s) in your answer.

(4 marks)

Glaciation -HOMEWORK 3 - 11 Marks

Question 1

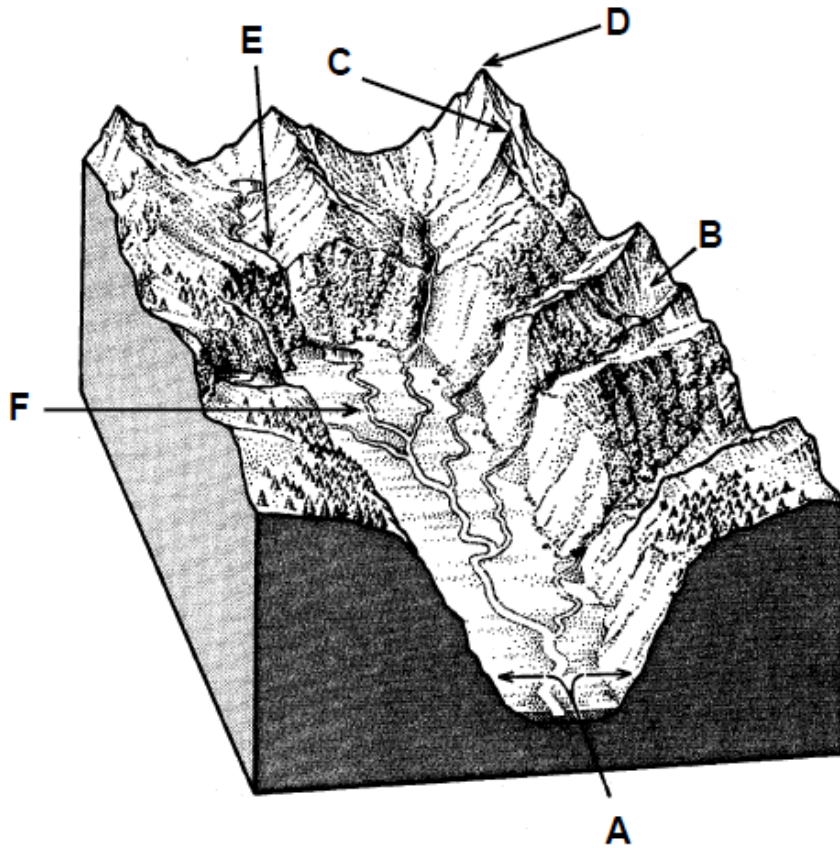
Match the following map features a-e with the following features: Corrie and Tarn, Pyramidal Peak, U-shaped Valley, Truncated Spur and Arete.



(5 marks)

Question 2

Identify the features A-F



(6 marks)

Glaciation -HOMEWORK 4 - 10 Marks

Question 1

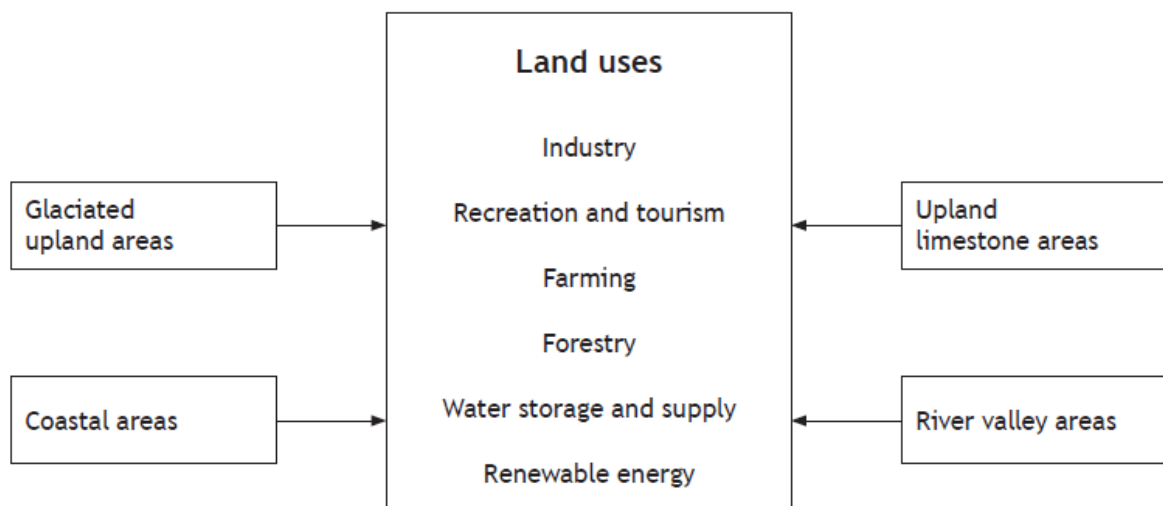


Select **two** land uses shown in the diagram above.

Explain in detail why the land uses are suited to a glaciated upland.

(5 marks)

Question 2



For a **named area** you have studied, **explain, in detail**, ways in which **two** different land uses may be in conflict with each other.

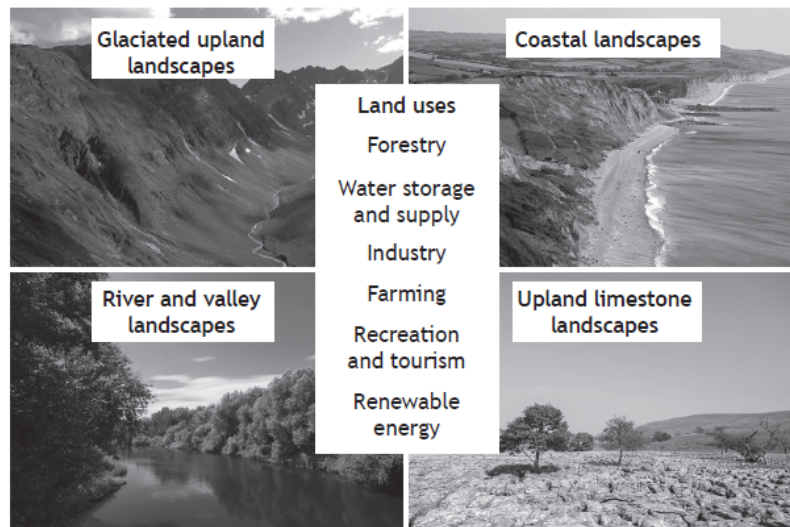
(5 Marks)

Glaciation - HOMEWORK 5 - 11 Marks

Question 1

Choose **one** landscape type from the diagram below.

For a named area you have studied, **explain in detail** ways in which land use conflicts may be managed.



(6 marks)

Multiple Choice Questions 1-5

1. When water repeatedly gets into cracks in the rocks expands and causes the rock to break apart, it is called:

- a) Striations
- b) Frost Shattering
- c) Deposition
- d) Abrasion
- e) Ice plucking

2. Abrasion is when:

- a) Stones and gravel deposited at the snout of a glacier
- b) glacial ice freezes onto rocks on the valley floor and pulls them out as the glacier moves downhill
- c) stones carried within a glacier scrape and erode the bottom of sides of a valley
- d) air is squeezed out of the snow as further layers accumulate above it, turning it

3. Scratches found on rock on the sides of a valley which have been caused by glacial erosion are known as:

- a) truncated spurs
- b) striations
- c) ice sheets
- d) erratics

4. Neve or firn is:

- a) when two corries form side by side leaving a jagged ridge between them
- b) ice from a glacier
- c) when the deeper layers of snow have the air squeezed out of them, forming a substance which is not quite glacial ice but is different to newly fallen snow.
- d) ice which gets into cracks

5. A Large bowl- shaped hollow on a mountainside, formed by glacial erosion, is known as?

- a) ribbon lake.
- B) arete.
- c) hanging valley
- d) erratic
- e) corries

Coasts -HOMEWORK 1 - 8 Marks

Coasts - HOMEWORK 1 - 8 Marks

Diagram Q1 Cliffs and stacks



Question 1

Explain the formation of a stack
You may use an annotated diagram

(4 marks)

Question 2

Explain the formation of a wave cut platform
You may use an annotated diagram

(4 marks)

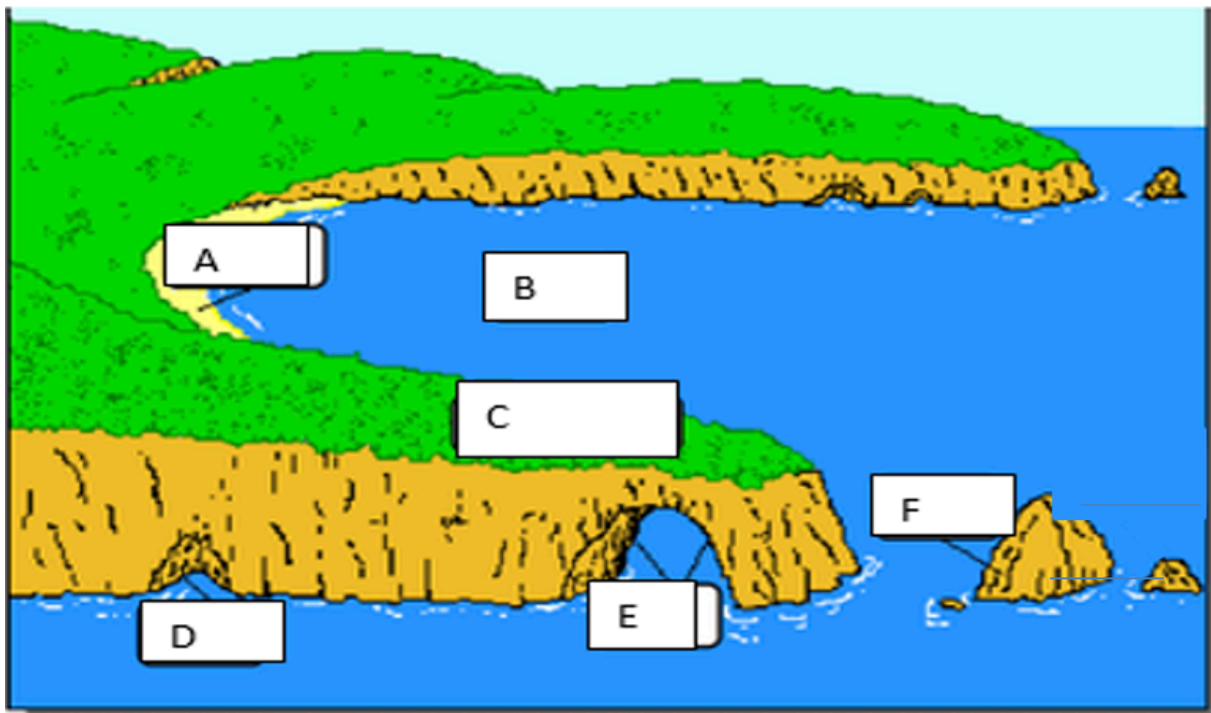
Coasts - HOMEWORK 2 - 7 Marks

Question 1.

Study the diagram below

Identify features A-F

(3 marks)



Question 2

Explain the formation of a headland
You may use an annotated diagram

(4 marks)

Coasts - HOMEWORK 3 - 7 Marks

Question 1

Study the map extract below of the Strathly area.

Match these grid references with the correct coastal features

Grid References: 827694 812681 843662

Choose From: Cliff; Stack; Sandspit; Arch

(3 marks)



Question 2

Explain the formation of a sandspit
You may use an annotated diagram



(4
marks)

Rural - HOMEWORK 1 - 7 marks

Question 1

Define diversification

(1 mark)

Question 2

Give three reasons why local people may be against diversification in their rural area.

(3 marks)

Question 3

Define Organic farming

(1 mark)

Question 4

Explain why Organic farming is more labour intensive than normal farming

(1 mark)

Question 5

Explain why some people are not willing to buy *GMO* crops

(1 mark)



Rural - HOMEWORK 2 - 10 marks

Question 1

Describe 3 government policies that have been recently implemented in the United Kingdom (3 marks)

Question 2

Give 3 examples of new technology used in farming in developing countries (1 mark)

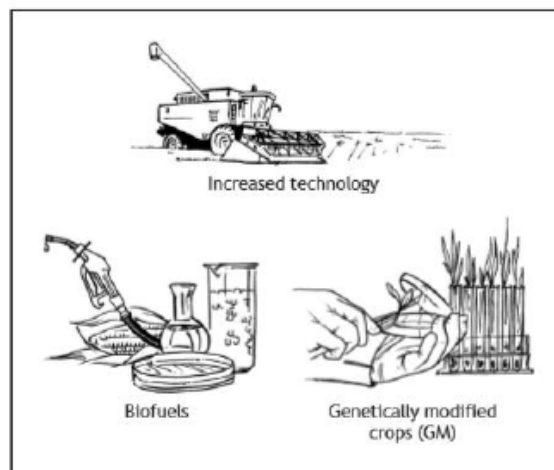
Question 3

Study the diagram below

Explain the advantages and disadvantages of recent developments in farming in developed countries such as the UK. (6 marks)



Rural - HOMEWORK 3 - 10 marks



Question 1

Describe, in detail, the effects of recent changes in farming on people and the landscape in developing countries.

You must mention at least two recent changes

(4 Marks)

Question 2 - Which of these is not an example of farm diversification

| | |
|---|--|
| A | renting out holiday cottages |
| B | running farm bed and breakfast |
| C | renting out land for a music festival |
| D | offering pony trekking to tourists |
| E | removing hedgerows to make more room for crops |

Question 3- Which of these statements about genetically modified (GM) crops is correct?

| | |
|---|--|
| A | permitted in the UK and very strictly controlled in the EU |
| B | permitted in the USA and very strictly controlled in the UK |
| C | banned in the USA and very strictly controlled in the UK |
| D | banned for commercial use in the UK and very strictly controlled elsewhere in the EU |
| E | banned for commercial use in the EU and very strictly controlled in the USA |

Question 4 - In organic farming soil fertility has to be maintained by

- | | |
|---|--|
| A | using a mix of chemical fertilisers |
| B | using GM crops |
| C | banning the routine use of drugs and antibiotics in animals |
| D | using a combination of crop rotation and manure |
| E | ensuring that cattle can graze outside naturally when the weather allows |

Question 5 -. An example of a change which took place in developing world agriculture as part of the Green Revolution was

- | | |
|---|---|
| A | the introduction of farm diversification schemes such as renting out land for music festivals |
| B | precision farming |
| C | the introduction of high yielding varieties of crops |
| D | vertical farming |
| E | the Common Agricultural Policy |

Question 6 - Which statement about precision farming is correct?

- | | |
|---|---|
| A | a type of organic farming |
| B | less expensive farm machinery is needed |
| C | less fertiliser is needed so this cost is reduced |
| D | more chemicals are used so costs rise |
| E | crops yields are reduced |

Question 7 - Golden Rice is an example of

- | | |
|---|---|
| A | organic farming |
| B | a genetically modified (GM) crop |
| C | a crop which can be grown in areas of drought |
| D | farm diversification in the developing world |
| E | a crop grown by using hydroponics |

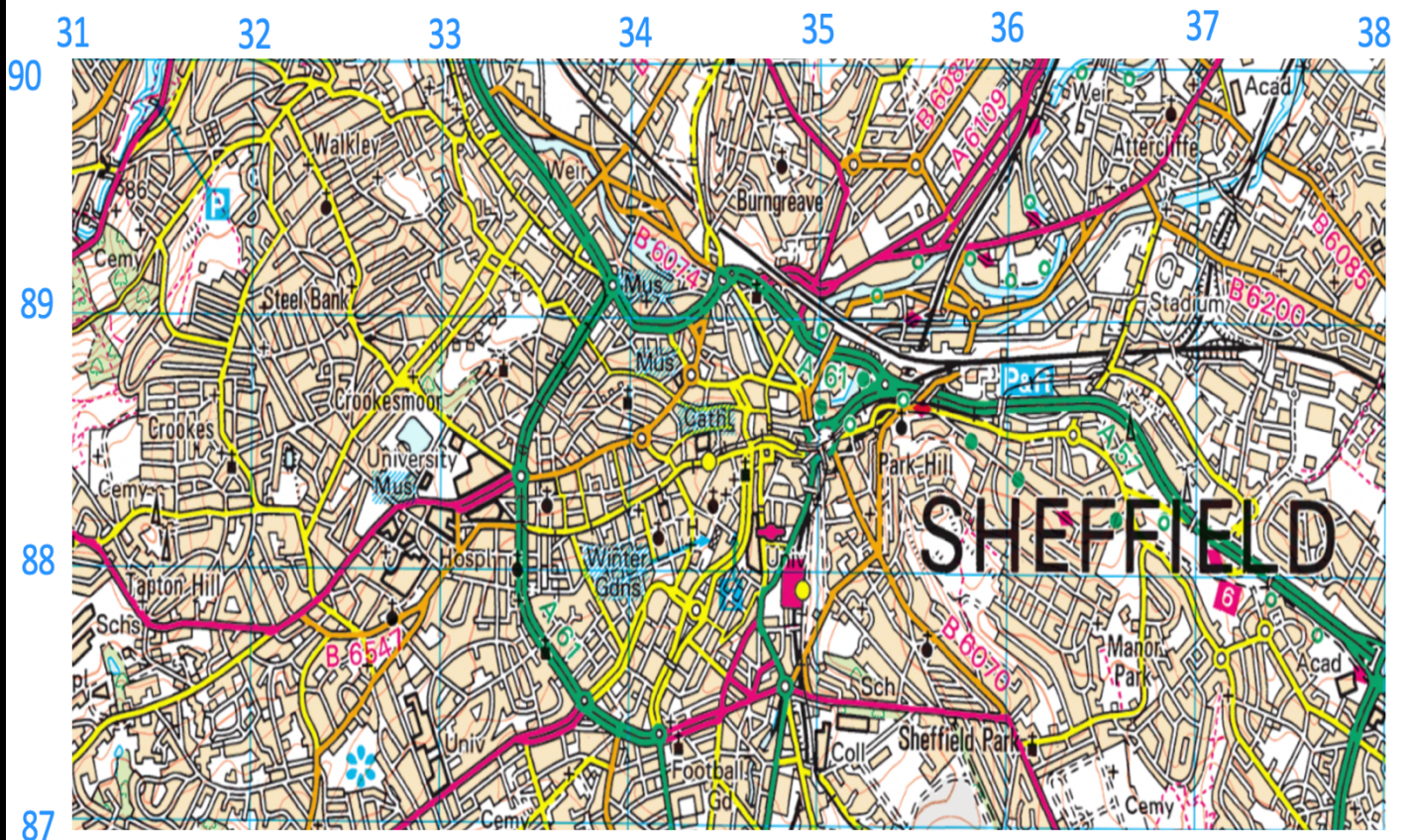
Urban - HOMEWORK 1 - 5 marks

Question 1

Study the Ordnance Survey Map extract of the Sheffield area

Give map evidence to show that part of the Central Business District (CBD) of Sheffield is found in grid square 3488.

(5 marks)



(you can find a larger version of this map on teams)

Urban - HOMEWORK 2 - 11 marks

Question 1

Study the Ordnance Survey Map extract of the Wolverhampton area.

Give map evidence to show that part of the inner city is found in grid square 9499.

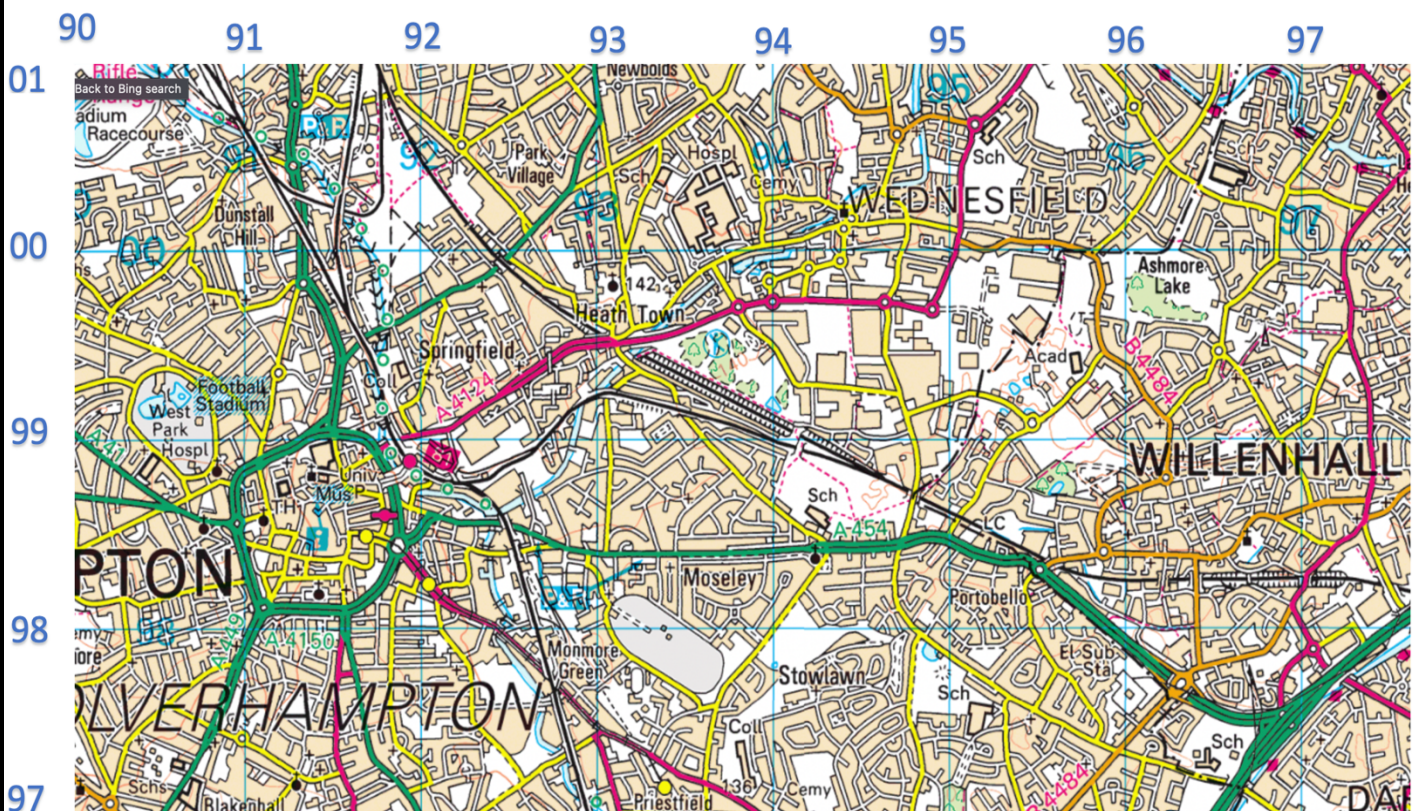
(5 marks)

Question 2

Study the Ordnance Survey Map extract of the Wolverhampton area.

Find the old industrial area of 9499, this area is being redeveloped. Using map evidence, **explain** why this area is attractive for industry.

(6 marks)



(You can find a larger version of this map on teams)

Urban - HOMEWORK 3 - 9 marks

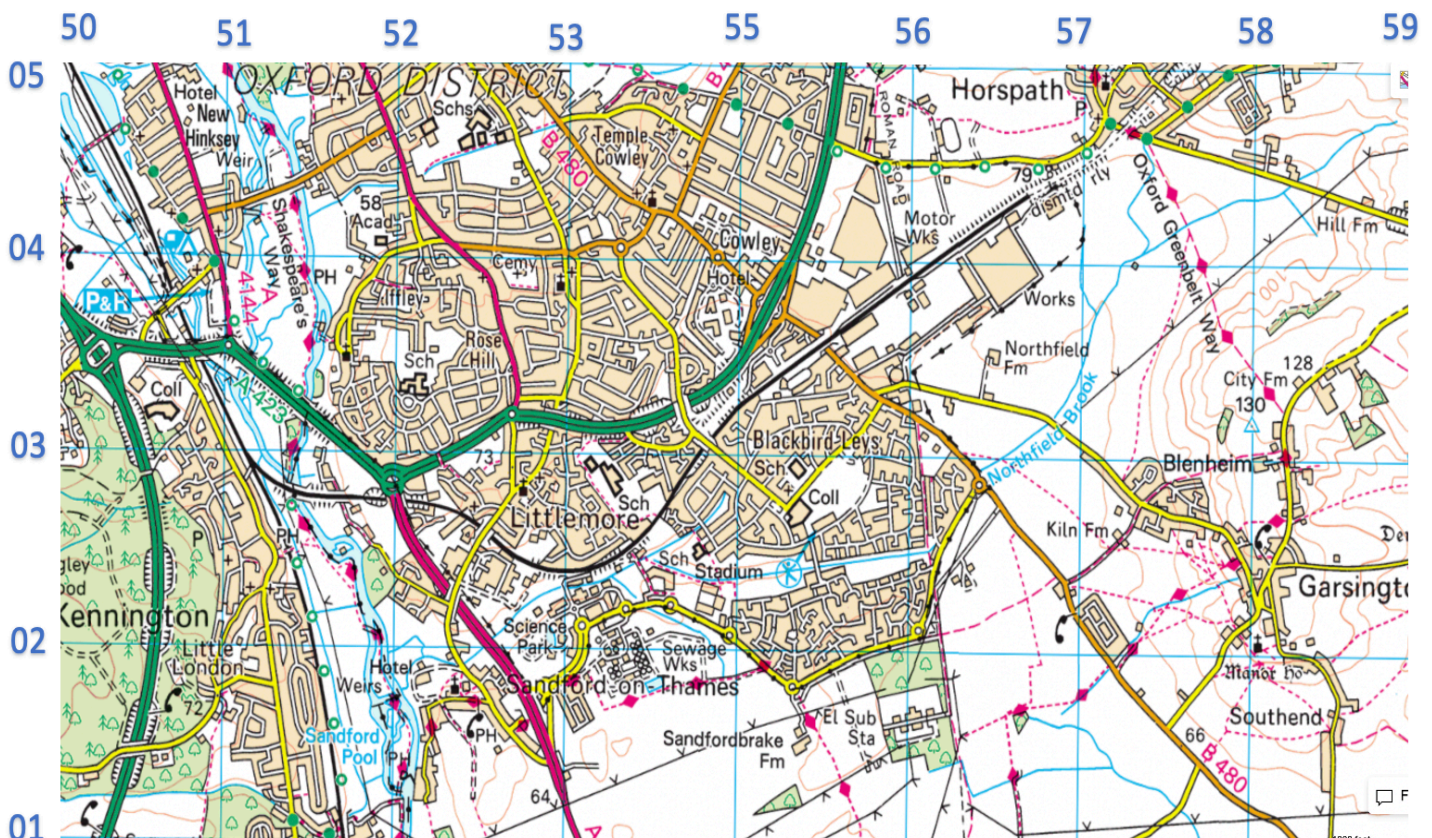
Question 1

a) Give map evidence to show that grid square 5502 is the suburbs.

(4 marks)

b) Using map evidence, explain why grid square 5502 is suitable for a family with 2 children to live

(5 marks)



(you can find a larger version of this map on teams)

Urban - HOMEWORK 4 - 11 marks

Large department stores

Traffic congestion

Tall/high density buildings

Pollution



Main railway/bus stations

Large number of pedestrians

Lack of space

Hotels

Diagram Q1: Recent Changes in Glasgow CBD

Question 1

For Glasgow, or any other developed world city you have studied, Explain the main changes which have taken place in the CBD over recent years. (6 marks)

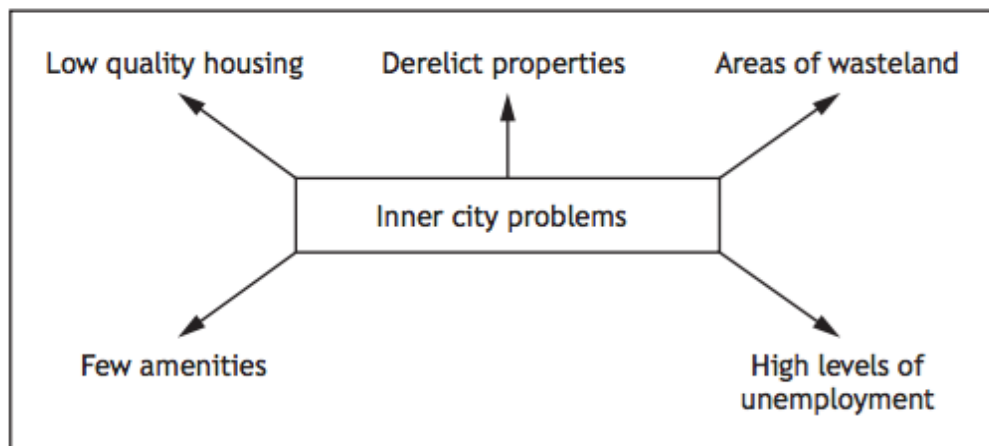


Diagram 2: Changes in the Inner City

Question 1

Study Diagram Q2

Referring to a **developed** world city you have studied, give reasons for recent changes which have taken place in the inner city.

(5 marks)

Urban - HOMEWORK 5 - 10 marks



Question 1

For a named city that you have studied, describe the problems in shanty towns.

(5 marks)



Question 2

For a named city that you have studied, explain measures taken to improve the conditions in shanty towns.

(5 marks)