**Glaciation**

Question 1

8A. **GLACIATION**

In the boxes provided, match each of the letters in Column X with the number of its pair in Column Y. One match has been completed for you.

<table>
<thead>
<tr>
<th>Column X</th>
<th>Column Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Hanging Valley</td>
</tr>
<tr>
<td>B</td>
<td>Cirque / Corrie</td>
</tr>
<tr>
<td>C</td>
<td>Fiord</td>
</tr>
<tr>
<td>D</td>
<td>Erratic</td>
</tr>
</tbody>
</table>

Question 2

10B. **GLACIATION**

Circle the correct answer in each of the following statements.

(i) The feature in the photograph above is a **fiord / corrie**.

(ii) It is a feature of glacial **erosion / deposition**.

(iii) It was formed by the process(es) of **hydraulic action / plucking and abrasion**.

Question 3

(i) **Glaciation**

Name **one** feature formed by glacial erosion and explain, with the aid of a labelled diagram, how it was formed.

(10)
Question 4

8B. GLACIATION

In the boxes provided, match each of the letters in Column X with the number of its pair in Column Y. One match has been made for you.

<table>
<thead>
<tr>
<th>Column X</th>
<th>Column Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1</td>
</tr>
<tr>
<td>B</td>
<td>2</td>
</tr>
<tr>
<td>C</td>
<td>3</td>
</tr>
<tr>
<td>D</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>X</th>
<th>Y</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>1</td>
</tr>
<tr>
<td>D</td>
<td></td>
</tr>
</tbody>
</table>

Question 5

9B. GLACIATION

Which of the following are all features of glacial deposition?

- Eskers, moraines, drumlins.  
- Corries, drumlins, erratic.  
- U-shaped valleys, moraines, cirque (corrie).

Tick (√) the correct box.

Question 6

Examine the photograph above. Circle the correct answer in each of the following statements:

(i) The lake pictured here is a feature of glacial erosion / deposition.
(ii) The lake pictured here is called an arête / tarn.
(iii) This lake is found in upland / lowland areas in a glacial region.
Question 7

9B. GLACIATION

Circle the correct answer in each of the following statements:

(i) The feature shown in the diagram is **an outwash plain / a drumlin**.
(ii) This is a feature of **glacial erosion / glacial deposition**.
(iii) Material carried by moving ice is called **moraine / alluvium**.

Question 8

7A. THE WORK OF MOVING ICE

Which of the following are all features of glacial erosion?
Tick (✓) the correct box.

(i) Fjord, moraine, pyramidal peak  
(ii) Arête, cirque, U-shaped valley  
(iii) Boulder clay, cirque, hanging valley  
(iv) Arête, cirque, drumlin
Question 9

Glaciation – The Work of Ice

A. Feature of glacial erosion

Name one feature of glacial erosion and with the aid of a diagram, explain how it was formed.

B. Feature of glacial deposition

Name one feature of glacial deposition and with the aid of a diagram, explain how it was formed.

C. Glaciation and People

(i) Name and briefly explain one way that people benefit from the results of glaciation.

(ii) Name and briefly explain one disadvantage of the results of glaciation

Question 10

Examine the diagram, which shows features of glacial erosion. In the grid provided, match each of the numbers 1 to 4 in Column X with the Letter of its pair on the diagram. One pair has been completed for you.

<table>
<thead>
<tr>
<th>Column X</th>
<th>X</th>
<th>Letter</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Cirque \ Corrie</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>2 Ribbon lakes</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>3 Pyramidal peak</td>
<td>3</td>
<td>C</td>
</tr>
<tr>
<td>4 Hanging valley</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>
Question 11

Glacial Erosion
Examine the diagram showing some glacial features. Answer the questions which follow.

(i) Name the four glacial features labelled A – D on the diagram.

(ii) Describe two processes (two ways) by which moving ice has eroded the landscape. (10)