**Map Mission - study the 1:50000 OS map showing part of a glaciated area in Scotland.**

**1 - Write down the 4-figure grid reference for the square that contains the words CAIRN GORM. (1) \_\_\_\_\_\_** 0003

**2 - Circle the four-figure grid reference for a round Loch (lake). (1)**

A - 0098 B - 0302 C - 9802 D - 0000

**3 - Circle which of these grid squares has the steepest gradient of the land. (1)**

A - 9800 B - 9901 C - 0202 D - 9900

**4 - Write down the *difference* in height between the top of the hills at 986006 and at 012996. (1) \_\_\_\_\_\_\_\_ m**  (1186-1108) 78m

**5 - In which one of these squares would we find a corrie? (1)**

A - 0201 B - 0102 C - 9903 D - 9898

**6 – The highest point on the map is the summit (top) of BEN MACDUI which is the second highest point in the whole of the UK!**

**Write down the 6-figure grid reference for the summit. (1) \_\_\_\_\_\_\_\_**  989989

**7 - Which grid square matches this description? (1)**

‘There is a valley with a stream in the north. The land rises steeply southwards. It reaches a height of almost 1000 metres.’

A - 0000 B - 0299 C - 9900 D - 9902

**8 - Circle the sentence that best describes the features of grid square 0098. (1)**

A – There is a small loch in the north west and the land is much steeper in the north than the south

B – There are two small lakes in this square and the land is flattest towards the central area

C – Cliffs run north east to south west and there is a waterfall and a small lake

D – Cliffs line the western side, there is a Loch in the south west corner and a river runs north to south towards the east

**9 - What is the length of Loch Avon between points X and Y? (1)**

A - 2.5 km B - 3.0 km C - 3.5 km D - 4.0 km

**10 - What is the maximum depth of Loch Avon? (1)**

A - over 10m B - over 20m C - over 30m D - over 40m