**Ross Island and Mount Erebus Antarctica**



1. Which hut is furthest north? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. What direction would you travel to reach Marble Point Heliport from the Cape Royds Hut? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. How far would you have to go? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
4. What is the nearest line of longitude to the top of Mt. Erebus? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. What latitude is the Cape Crozier Hut on? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
6. What is the Ferrar Glacier made of? Does it flow towards or away from McMurdo Sound? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
7. How long is the Erebus Ice Tongue? Why doesn’t it get any longer? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
8. The journey from Cape Evans Hut to McMurdo Station is much easier in the winter than summer, why? What are all the reasons it is harder in summer? \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  
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9. Describe Ross Island as fully as you can, use these words in your description.

volcano, historical-huts, glacier, modern-base, mountainous, ice

**Answers** - Ross Island and Mount Erebus Antarctica

1. Cape Crozier Hut – 1 mark
2. West – 1 mark
3. 65km / 40 miles ± 10/7 – 1 mark
4. 167° E – 1 mark
5. 77° 30’ S – 1 mark
6. Ice - 1 mark; Towards – 1 mark
7. 15km / 9 miles ± 5/3 – 1 mark
8. No sea-ice in summer – 1 mark;  
   Have to go over land – 1 – mark;  
   Crossing glacier – 1 mark;  
   Avoiding crevasses – 1 mark;  
   Steep slopes – 1 mark;  
   Climbing, gaining & losing height, idea of – 1 mark;  
   Winter can go on flat sea-ice – 1 mark
9. Very mountainous, made of (4) volcanoes – 1 mark;  
   Erebus still active – 1 mark;  
   Mainly covered in glaciers – 1 mark:  
   Such as Erebus Glacier – 1 mark:  
   2 modern bases – 1 mark;  
   3 historical bases – 1 mark;  
   Connected permanently to Ross Ice Shelf – 1 mark;  
   McMurdo Sound frozen in winter, open sea in summer – 1 mark  
   ½ mark for appropriately using each of given words.  
   Other relevant non-repeated observations – 1 bonus mark each.

Total 1-7 - 7 marks.

Q. 8 = 5 marks  
Q.9 = 10 + bonus marks

