GeoScience Videos Quiz for Classifying Glaciers

1. Which combination of conditions is best suited to the formation of glaciers?
   a) High latitudes and/or high elevations.
   b) High latitudes and/or low elevations.
   c) Low latitudes and/or high elevations.
   d) Low latitudes and/or low elevations.

2. Which statement is true?
   a) Alpine glaciers are typically larger and older than ice sheets.
   b) Alpine glaciers are typically larger and younger than ice sheets.
   c) Alpine glaciers are typically smaller and older than ice sheets.
   d) Alpine glaciers are typically smaller and younger than ice sheets.

3. Which is the best estimate for the thickness of ice in the largest ice sheet on Earth today?
   a) 700 meters
   b) 83 meters
   c) 11800 meters
   d) 4300 meters

4. The terminus of an alpine glacier is the ________________ point of a glacier.
   a) highest
   b) lowest

5. What is the name of the steep-walled valleys where alpine glaciers typically begin?
   a) Crevasse
   b) Moraine
   c) Terminus
   d) Cirque
   e) Arête

6. Is the following statement true or false? An alpine glacier could be a tidewater glacier if it terminated in an ocean.
   a) True
   b) False

7. Is the following statement true or false? An ice sheet could be regarded as a piedmont glacier.
   a) True
   b) False

Answer Key: 1. a; 2. d; 3. d; 4. b; 5. d; 6. a; 7. b