Directions: Study the dichotomous key below, then answer questions 1-5.

1) Which are the four attributes for Mac Aroni?
   a) Mr. Ree’s class, glasses, freckles, no brown eyes
   b) Mr. Ree’s class, no glasses, no freckles, no brown eyes
   c) Mr. Ree’s class, glasses, no freckles, no brown eyes
   d) None of the above

2-3) What do Anita Bath and Jim Shoe have in common?
   a) They both have scars
   b) They both are girls
   c) They both wear glasses
   d) None of the above

Explain ______________________________________________________
________________________________________________________________
4-5) How many people in this key wear glasses?
   a) two  
   b) four  
   c) five  
   d) eight

Explain ______________________________________________________

                                    ______________________________________________________

6-7) 33% of the students in Mr. Ree’s class found seeds from sugar maple trees. Choose the graph below whose shaded region matches this percent.

   a)                   b)   c)                   d)   

Explain ______________________________________________________

                                    ______________________________________________________

**Directions:** Short answer.

The term *seed bank* refers to the collection of seeds in the soil layer of a forest that will sprout with the right temperature, light, and moisture conditions.

8) Describe a human activity that would help to preserve the seed bank of an area.

                                                                                                   

9-10) Describe two human activities that would help to preserve plant biodiversity.
                                                                                                   
                                                                                                   