LOGIC AND REASONING PROBLEMS

Computer Science HCH

1) Here are some works from an artificial language…

melebroon means leather shoe

blencbroon means white shoe

broonkaal means shoelaces

Which word could mean "white laces"?

a) blenckaal

b) meleshur

c) melekaal

d) broonblenc

2) Here are some works from an artificial language...

tamceno means sky blue

cenorax means blue cheese

aplmitl means star bright

Which word could mean "bright sky"?

a) cenotam

b) mitltam

c) raxmitl

d) aplceno

3) Here are some works from an artificial language...

migenlasan means cupboard

lasanpoen means boardwalk

cuopdansa means pullman

Which word could mean "walkway"?

a) poenmigen

b) cuopeisel

c) lasandansa

d) poenforc

4) Which statement must be true?

Erin is 12 years old. For 3 years, she has been asking her parents for a dog. Her parents have told her that they believe a dog would not be happy in an apartment, but they have given her permission to have a bird. Erin has not yet decided what kind of bird she would like to have.

a) Erin's parents like birds better than they like dogs

b) Erin does not like birds

c) Erin and her parents live in an apartment

d) Erin and her parents would like to move

5) Which statement must be true?

City A has a higher population that City B. City C has a lower population than City B.

City A has a lower pupylation than City C.

The first two statements are true, the third statement is…

a) true

b) false

c) uncertain

6) Which statement must be true?

Whiskers weighs less than Paws.

Whiskers weighs more than Tabby.

Of the three cats, Tabby weighs the least.

The first two statements are true, the third statement is…

a) true

b) false

c) uncertain

7) Answer the question on the right on the basis of the information below (in green).

◦ Zinnia has a small container garden on her balcony. Each spring she only has room to plant three vegetables, Because five vegetables are her favourites, she has worked out a schedule to plant each at least once every two years. The vegetables are beans, cabbages, carrots, peppers and tomatoes.

In what order does she plant the vegetables in the next two years?

a) First year: tomatoes, carrots, cabbage
   Second year: tomatoes, peppers, beans

b) First year: tomatoes, peppers, beans
   Second year: cabbage, carrots, tomatoes

c) First year: tomatoes, carrots, peppers
   Second year: tomatoes, cabbage, beans

d) First year: tomatoes, carrots, beans
   Second year: tomatoes, cabbage, peppers

e) First year: tomatoes, cabbage, peppers
   Second year: carrots, cabbage, beans