Listening: Flu Vaccine[2]   http://www.youtube.com/watch?v=zCBlxqmOMKM

2. Match the expressions with their synonyms or descriptions.

Ailment   illness

Assume   believe, accept without proof

Authorities   official departments that make decisions

Chills   sudden feelings of coldness

Contract   catch

Contagious   infectious

Fluids   liquids

Malnutrition   weakness from not eating enough good food

Pneumonia   disease which affects lungs

Prevalent   widespread, common

Respiratory   related to breathing

Strain   type with special characteristics

3. Listen to the recording and answer the questions.

1. What is influenza ?   contagious respiratory disease
2. What are the symptoms ? fever, chills, cough, fatigue, lost appetite
3. What is recommended ? bed rest, fluids
4. Who is at greater risk of complications ? the elderly, people with medical problems
5. How many flu-cused deaths are shown by official reports ? a few hundred
6. What other causes of death are compared with flu ? asthma, malnutrition
7. What are the forms of flu vaccines in the US ? injections, nasal spray
8. Why do authorities travel to Asia ? to determine which strains are currently active
9. What are vaccine manufacturers instructed to do ? include these strains in new vaccine

Reading[3]

1. Scanning. Read the text quickly and answer this question: What is the flu´s secret ingredient?
an additional eleventh protein

2. Multiple choice - Choose the right option:

1. *The researchers made the discovery*
c) while studying the body´s immune system

2. *The additional protein*
b) remained hidden to researchers for nearly 20 years

3. *The discovery*
b) will inspire future research

3. Comprehension: Say whether these statmements are true or false.
   If they are false, say what is true.
   a) The flu virus produces 11 proteins.   T

   ……………………………………………………………………………………………..
   b) The newly discovered protein goes to ribozomes.   F

   ………………………………………………*to mitochondria*………………………….
   c) This protein can determine the virulence of the flu virus.   T

   ……………………………………………………………………………………………….....
   d) Research has shown its presence in some other animals, too.   F

   ……*research about this is likely*………………………………………………………

4. Read the text again and try to translate the following expressions:

1.   make a chance discovery   učinit náhodný objev

2.   be good at attacking humans   snadno napadá člověka

3.   identify an additional protein   rozpoznat další protein

4.   determine how virulent a particular strain of the flu virus is určit jak nakažlivý daný kmen chřipky je

5.   consider the resulting peptides as waste products   považovat výsledné peptidy za odpadní produkty

6.   accelerate the ability to harm cells   zrychlit schopnost poškozovat buňky

7.   it remains to be seen   zůstává otázkou

8.   further research is likely   je pravděpodobné, že bude probíhat další výzkum

5. Here are some verbs and adjectives from the text. Use suffixes to change them into nouns.

Vaccinate vaccination   Consider consideration   Virulent virulence
Infect   infection   Determine determination   Occur occurrence
Replicate replication   Involve involvement   Present presence
   explain explanation   discover discovery   strong   strength

Homework: Complete the missing singular or plural forms.
   1. mitochondrion   mitochondria   6. radius   radii

   2. criterion   criteria   7. nucleus   nuclei

   3. phenomenon   phenomena   8. focus   foci

   4. formula   formulae   9. fungus   fungi

   5. thesis   theses   10. analysis   analyses