

This assignment, when completed correctly, counts for 20 points.

Go to [www.cdc.gov](http://www.cdc.gov) to complete the assignment.

1. Under "Health and Safety Topics," find the Diseases and Conditions link and in the link find the letter "T" in the A - Z index. Read about tuberculosis and answer the following:

- **There is a difference between the Mantoux skin test and the BCG vaccine for tuberculosis, both of which are done with an injection; answer the following:**

Is the Mantoux (PPD) skin test performed in the United States?

Is the BCG vaccine routinely given in the United States?

- **There is a difference between latent *TB infection* and *TB disease*; compare and contrast the two by answering the following questions:**

Latent TB infection:

a) What signs and symptoms, if any, will this patient show?

b) Will this patient have a positive PPD skin test?

c) Is this patient infectious to others?

d) Does this patient need antibiotics?

TB disease:

a) What signs and symptoms, if any, will this patient show?

b) Will this patient have a positive PPD skin test?

c) Is this patient infectious to others?

d) Does this patient need antibiotics?

2. Going back to the CDC home page, click on the link to "Emergency Preparedness and Response." Click on the Bioterrorism link and under "Specific Bioterrorism Agents" find the link to read about anthrax.
  - A. What are the three (3) types of anthrax?
  - B. Can you get anthrax from another human?
  - C. What two (2) measures are to be used to prevent anthrax in someone who has been exposed to the bacillus but is not yet sick?
3. Go back to the CDC home page, and click the link to "Healthy Living" to find "Vaccines and Immunizations."
  - A. Click on Immunization Schedules and find the 2013 CDC immunization schedule recommendations (for health care professionals) for Birth - 18 Years and Catch-up. As you look at the vaccine schedule, you will notice many of the vaccines have names you may not initially understand. **Give the scientific names** of the disease or diseases (for viruses you can use their common name) that each of the following vaccinations is intended to prevent:
    1. MMR:
    2. Hib:
    3. RV:
    4. IPV:
    5. DTaP:
    6. Tdap:
    7. PCV13:
    8. MCV<sub>2</sub>:

9. PPSV23:

10. TIV:

11. HepB:

12. HPV4:

13. LAIV:

14. VAR:

4. Go back to the CDC home page, and look under "Traveler's Health" and look under "Destinations." Choose a country (from Central or South America, Africa or Asia, only) that begins with the same letter that begins your last name, or that is one letter before or one letter after the letter that begins your last name, and list **any vaccines and medications and what malarial prevention** the CDC recommend you get before traveling to that country. (Example: for my last name of Gessner, I could pick a country that begins with the letters F, G or H)

Name of Country = \_\_\_\_\_

What vaccines should you get before you visit this country? (Remember to get these well in advance of your departure)

Are there any insect transmitted diseases that you should be concerned about when visiting this country and what preventative measures should you take if you want to remain free of these diseases?