UV Facts and Map Quiz

Directions: Using the UV Map of the United States, answer the questions below.
NOTE: Some of the answers for these questions will have been discussed in class.

1. List the states that have the lowest UV Index during the month of September.

2. List the states that have the highest UV Index during the month of September.

3. What is the UV Index for our state, Missouri?

4. What time of day is the sun’s rays the strongest? (Circle your answer)
   - 9:00am and 2:00pm
   - 10:00am and 4:00pm
   - 12:00pm and 3:00pm

5. If your shadow is taller than you are, is this a good or bad time for you to be out and exposed to UV light? (Circle your answer)
   - Good
   - Bad

6. If you have an initial burn time of 5 minutes and the cotton T-shirt you are wearing has an SPF Factor of 7, how many minutes of protection from the sun will you have? (Show your work and answer):

7. How often should you apply sunscreen? (Circle the correct answer)
   - Once is enough for the day
   - Every hour
   - Every two hours