

**MA215  
Week 5  
Critical Thinking Questions**

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**\*All Answers Must be in Complete Sentences\***

- 1. John lives in an area of the United States that has hot, sunny days with high humidity. He works on a farm and drives a tractor during the day. What precautions should John take to prevent skin cancer?**

To prevent skin cancer, John should always be sure to wear a protective sun screen and a hat to shield his face from the sun. Generally, it is recommended to avoid being in the direct sunlight between the hours of 10 am and 2 pm, however since it is unlikely that John can avoid being in the sun, he should be sure to reapply his sunscreen every hour when sweating. John should also be sure to perform monthly self-skin examinations to identify any spots that may be concerning and report them to his physician.

- 2. Why should all biopsies and tissues removed from the skin be sent to a laboratory for evaluation by a pathologist?**

All biopsies and tissues removed from the skin should be sent to the laboratory for evaluation in the event that the patient had some type of illness that the provider is unaware of it could be detected.

- 3. Why is patient education so important prior to skin testing for allergies?**

Patient education prior to skin testing for allergies is important so that the patient knows what to expect during the procedure. The patient must also be informed that he or she must stop taking any and all anti-allergy and anti-histamine medications at least 3-10 days before the procedure to avoid getting a false negative as a reading. The patient should be informed that he or she will have to wait in the office for approximately 30 minutes to evaluate the administration sites for reactions.

**4. Why is it so important for the integrity of the skin to be maintained?**

One of the most important reasons why the integrity of our skin must be maintained is to keep our body's first line of defense in optimal condition. When the skin becomes dry, chapped, or cracked it becomes susceptible to intruding pathogenic microorganisms and disease.

**5. Why should all patients with second- and third-degree burns be seen by a physician and properly treated?**

Any patient suffering from a second- or third-degree burn (s) should be seen and properly treated by a physician to properly evaluate the severity of the burn, to provide proper care and bandaging of damaged tissues, to prevent infection and promote healing, and to assess needs for additional services including physical therapy, occupational therapy, pain management, counseling, and in some cases surgery.

**6. 60-year-old Katherine is requesting the zostavax injection. Can she get it?**

Yes, she can. Zostavax injection is a shingles vaccine and is typically administered to patients 60 years of age and older.

**7. 14-year-old Akeem has recently moved here from Africa. He has obtained some vaccinations, but due to the language and translation of the vaccine made it difficult to understand them. What vaccines are needed?**

14-year-old Akeem will need a total of 8 vaccines including the following:

- Meningococcal ACWY
- HPV vaccine
- Tdap
- Hepatitis A
- Hepatitis B
- Inactivated Poliovirus
- MMR
- Varicella