

## **Immune Reading Guide**

1. List three physical barriers of the innate immune system:
2. How is the acquired (or adaptive) immune response different from the innate immune response?
3. What is something Natural Killer cells can do that other lymphocytes cannot?
4. Autoimmune diseases are a type of \_\_\_\_\_ response, when the body fails to recognize self-proteins and reacts against self-antigens.
5. Which type of hypersensitivity reaction would be involved with an autoimmune disease, like rheumatoid arthritis or systemic lupus erythematosus?
6. Who are more likely to develop an autoimmune disorder, women or men?
7. List three symptoms you might observe or a patient might report when assessing a patient with rheumatoid arthritis?
8. List two possible extraarticular manifestations of rheumatoid arthritis and give a brief definition of each.
9. List two possible laboratory studies involved in diagnosing rheumatoid arthritis.
10. List two DMARDs used in the treatment of rheumatoid arthritis, and give one example of lab studies or teaching needed for routine monitoring for each medication.
11. Why are NSAIDs and salicylates helpful in the management of rheumatoid arthritis?
12. List five interventions the nurse might recommend for a patient with rheumatoid arthritis.

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13. List three possible cardiopulmonary problems associated with Systemic Lupus Erythematosus.
14. About \_\_\_\_\_% of persons with SLE experience kidney damage, with scarring and permanent damage leading to end-stage renal disease.
15. HIV, a virus, causes immunosuppression by destroying about \_\_\_\_\_ (#) CD4+T cells each day.
16. What is the most common mode of transmission of HIV?
17. What is the main cause of disease, disability, and death in patients with HIV infection?
18. List three infections common in a patient with a symptomatic HIV infection.
19. List two ways HIV infection progression is monitored.
20. Why would a health provider prescribe pre-exposure prophylaxis (PrEP) medications?
21. Why/how does drug and/or alcohol use influence HIV infection?
22. Why is it important for women to be tested for HIV prior to or when they discover they are pregnant?
23. List three possible patient reactions to a positive HIV test.
24. What two criteria must be met for a patient with HIV to be diagnosed with AIDS?
25. Why is it important for a patient with HIV who is on antiretroviral therapy to not miss a dose of medication?