

Name:		Class/Section: 12	Date: 17/12/2018
Unit: 8 Human body	Chapter:35 Immune system	Lesson: 35.1 & 35.2	Textbook p.:
		ClassWork	Grade:

Identify each immune response as (1st) line, (2nd) line or specific (3rd) line (specific) of defense.

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|---------------------------------|---------------------------------|------------------------|
| 1. _____ macrophage | 7. _____ mucus | 13. _____ plasma cell |
| 2. _____ cytotoxic T lymphocyte | 8. _____ helper T cell | 14. _____ fever |
| 3. _____ antibody | 9. _____ natural killer cell | 15. _____ skin |
| 4. _____ nose hairs | 10. _____ phagocyte | 16. _____ inflammation |
| 5. _____ memory B cell | 11. _____ lysozymes | 17. _____ cytokine |
| 6. _____ histamine | 12. _____ macrophage w/ antigen | 18. _____ stomach acid |

Identify each immune response as either specific defense (S) or non-specific defense (N).

19. _____ macrophage display antigen "badge"
20. _____ phagocytes consume damaged cells
21. _____ lysozymes in sweat prevent bacteria from growing on skin
22. _____ natural killer cell recognize virus-infected cells
23. _____ memory T cells patrol body to quickly kill future infections
24. _____ antibodies mark antigen & neutralize pathogen
25. _____ histamine release causes an increase of blood at injury site
26. _____ mucus traps any foreign material from entering nasal cavity
27. _____ cytokines signal B & T cell production
28. _____ plasma B cells are cloned
29. _____ cytotoxic T lymphocytes kill infected cells
30. _____ fever slows the spread of pathogen

Identify each immune response as either humoral (H) or cellular (C) or non (N)

31. _____ release of histamine causes itching & sneezing
32. _____ macrophage presents antigen to the matching receptor on helper T cell
33. _____ memory B cells
34. _____ cytotoxic T lymphocytes kill infected cells
35. _____ pathogen is neutralized
36. _____ plasma B cells are cloned
37. _____ antibodies mark pathogen's antigens