

Name:	Class/Section: 12	Date: 17/12/2018
Unit: 8 Human body	Chapter:35 Immune system	Lesson: 35.1 & 35.2
HUMS Health and Medical Sciences Medical, Health and Medical Science		Textbook p.:

ClassWork

Grade:

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

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