

Outside Assignment 3 - Epidemiology Fall, 2006 (revised 9/06)

Write answers on a separate piece of paper please.

Define:

1. Epidemiology
2. Reportable disease
3. Disease prevalence rate
4. Disease incidence rate
5. CDC
6. Morbidity and Mortality report
7. Morbidity rate
8. Mortality report
9. Sporadic disease
10. Endemic disease
11. Epidemic
12. Pandemic
13. Disease reservoir
14. Symptomatic Carrier
15. Chronic Asymptomatic Carrier
16. Passive Carrier
17. Mechanical Vector (inanimate)
18. Biological vector (animate)
19. Zoonosis
20. Reservoir
21. Contagious disease
22. Non-communicable disease
23. Droplet Nuclei
24. Aerosols
25. Nosocomial infection
  
26. Discuss the significance of 3 nosocomial infections (surgical wound, urinary tract, and respiratory tract): Include in your answer a specific etiological agent, the main route of transmission, the normal treatment regimen, and finally discuss strategies for prevention.
  
27. Discuss the medical protocols called "Universal Precautions". Include in your discussion the significance of the procedures for the prevention of 2 specific diseases such as HIV, Hepatitis B. Be specific and detailed.
  
28. Read the article on the Hanta Virus outbreak passed out in class. Answer the 5 questions attached to the article. This may require you to search the Web or other texts to find the answers. (Welcome to the world of Scholars!!)