

Exam 5 Study Guide

Please review the main concepts from the movie, Contagion, as well as R-Naught. Also, review your epidemiology math questions.

DHW - Ch. 14	Risk of Infectious and Communicable Diseases	ATI Ch. 3 pg. 23-25
1. What are long-term signs and symptoms of the notifiable STDs?		
2. Compare and contrast endemics, epidemics, and pandemics.		
3. How do you break the chain of infection?		
4. What are the parts of the chain of infection (be specific)?		
5. What are host factors at increase the risk of contracting a disease?		
6. What is the incubation period?		
7. Whom is a provider required to report diseases to?		
8. What are risk factors for acquiring a STD (STI)?		
9. What are the steps of an outbreak investigation?		

DHW - Ch. 15	Emerging Infectious Diseases	ATI Ch. 3 pg. 23-25
1. What are factors that affect emerging diseases?		
2. What are the most common vector borne diseases?		
3. What are Primary prevention strategies for infectious/communicable diseases?		
4. What are Secondary prevention strategies for infectious/communicable diseases?		
5. What are the nationally notifiable diseases?		
6. What is herd immunity?		
7. Compare and contrast active vs. passive immunity? How do you get them?		
8. Why are some diseases reported?		
9. What is natural immunity?		
10. What is the antigenic shift?		
11. What equipment is needed for an outbreak of the avian influenza?		
12. What indicates a positive TB-skin test?		
13. What factors increase the spread of TB?		
14. What factors can lead to the emerging/re-emerging infectious diseases?		

DHW - Ch. 20	Community Preparedness: Disaster and Terrorism	ATI Ch. 8
1. What client classifies as a "Black" triage tag?		
2. What client classifies as a "Red" triage tag?		
3. What client classifies as a "Yellow" triage tag?		
4. What client classifies as a "Green" triage tag?		
5. What is the nurse's role in a Risk Assessment during disaster preparedness?		
6. What occurs in the Planning phase of disaster management?		
7. What is the purpose of evaluation and After Action Report?		
8. What are key areas of concern for data collection in disaster preparedness?		
9. What is included in an epidemiological analysis report (look at the recovery phase)?		
10. What are the actions of a public health nurse in a disaster?		

11. What are the emergency preparedness steps from the American Red Cross?
12. What does the nurse need to document during a disaster?
13. What are the nurse's roles in a bioterrorism disaster?
14. What are the manifestations of smallpox?
15. Where would the community receive supplies, food, water and possibly medications after a disaster?
16. What are factors that hinder disaster response in culturally diverse areas?
17. What are the nurse's role in field triage in a disaster?
18. What are examples of vulnerabilities in communities included in their disaster preparedness plans?
19. What are the phases of emergency management response?

DHW Ch. 6, 7	Epidemiology-Rates	ATI Ch. 3
1. Calculation of rates related to bioterrorism, and communicable diseases.		
2. Review prevalence rate, prevalence proportion, and cause-specific mortality rates.		
3. Review how to calculate R-naught (R-0).		
4. What are the uses of the principles of epidemiology?		