

## 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? <b>Textbook</b>		
2. Compare and contrast endemics, epidemics, and pandemics. <b>Textbook &amp; ATI</b>		
3. How do you break the chain of infection? <b>Textbook &amp; ATI</b>		
4. What are the parts of the chain of infection (be specific)? <b>Textbook &amp; ATI</b>		
5. What are host factors at increase the risk of contracting a disease? <b>Textbook</b>		
6. What is the incubation period? <b>Textbook</b>		
7. Whom is a provider required to report diseases to? <b>Textbook</b>		
8. What are risk factors for acquiring a STD (STI)? <b>Textbook</b>		
9. What are the steps of an outbreak investigation? <b>Textbook</b>		

DHW – Ch. 15	Emerging Infectious Diseases	ATI Ch. 3 pg. 23-25
1. What are the most common vector borne diseases? <b>Textbook</b>		
2. What are Primary prevention strategies for infectious/communicable diseases? <b>ATI</b>		
3. What are Secondary prevention strategies for infectious/communicable diseases? <b>ATI</b>		
4. What are the nationally notifiable diseases? <b>ATI</b>		
5. What is herd immunity? <b>Textbook &amp; ATI</b>		
6. Compare and contrast active vs. passive immunity? How do you get them? <b>Textbook &amp; ATI</b>		
7. Why are some diseases reported? <b>ATI</b>		
8. What is natural immunity? <b>ATI</b>		
9. What equipment is needed for an outbreak of the avian influenza? <b>Textbook</b>		
10. What indicates a positive TB-skin test? <b>Textbook</b>		
11. What factors increase the spread of TB? <b>Textbook</b>		

DHW – Ch. 20	Community Preparedness: Disaster and Terrorism	ATI Ch. 8
1. What client classifies as a “Black” triage tag? <b>Textbook &amp; ATI</b>		
2. What client classifies as a “Red” triage tag? <b>Textbook &amp; ATI</b>		
3. What client classifies as a “Yellow” triage tag? <b>Textbook &amp; ATI</b>		
4. What client classifies as a “Green” triage tag? <b>Textbook &amp; ATI</b>		
5. What is the nurse’s role in a Risk Assessment during disaster preparedness? <b>ATI</b>		
6. What occurs in the Planning phase of disaster management? <b>Textbook &amp; ATI</b>		
7. What is the purpose of evaluation and After Action Report? <b>Textbook &amp; ATI</b>		
8. What is included in an epidemiological analysis report (look at the recovery phase)? <b>Textbook</b>		
9. What are the emergency preparedness steps from the American Red Cross? <b>Handout</b>		
10. What does the nurse need to document during a disaster? <b>Textbook</b>		
11. What are the nurse’s roles in a bioterrorism disaster? <b>ATI</b>		
12. What are the manifestations of smallpox? <b>ATI</b>		
13. Where would the community receive supplies, food, water and possibly medications after a		

disaster? <b>Textbook</b>
14. What are factors that hinder disaster response in culturally diverse areas? <b>Textbook</b>
15. What are the nurse's role in field triage in a disaster? <b>ATI</b>
16. What are examples of vulnerabilities in communities included in their disaster preparedness plans? <b>Textbook &amp; ATI</b>
17. What are the phases of emergency management response? <b>Textbook &amp; ATI</b>

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?		