

N442 Exam 3 Concept Review

Spring 2024

Please review the main concepts from the movie, Contagion, as well as R-Naught. Also, review your epidemiology math questions. There are 50 questions on this exam.

D & H-W - 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? Textbook pg. 315-316	
2.	Compare and contrast endemics, epidemics, and pandemics. Textbook pg. 303 & 330; ATI pg. 24	
3.	How do you break the chain of infection? Textbook pg. 300-303; ATI pg. 25	
4.	What are the parts of the chain of infection (be specific)? Textbook pg. 290 & 300; ATI pg. 23	
5.	What are host factors at increase the risk of contracting a disease? Textbook pg. 301	
6.	What is the incubation period? Textbook pg. 301	
7.	Whom is a provider required to report diseases to? Textbook pg. 306-307	
8.	What are risk factors for acquiring a STD (STI)? Textbook pg. 312	
9.	What are the steps of an outbreak investigation? Textbook pg. 303	

D & H-W - Ch. 15	Emerging Infectious Diseases	ATI Ch. 3 pg. 23-25
1.	What are the most common vector borne diseases? Textbook pg. 345	
2.	What are Primary prevention strategies for infectious/communicable diseases? ATI pg. 25-26	
3.	What are Secondary prevention strategies for infectious/communicable diseases? ATI pg. 25-26	
4.	What are the nationally notifiable diseases? ATI pg. 25-26	
5.	What is herd immunity? Textbook pg. 330 & 333; ATI pg. 25	
6.	Compare and contrast active vs. passive immunity? How do you get them? Textbook pg. 333; ATI pg. 25	
7.	Why are some diseases reported? ATI pg. 25	
8.	What is natural immunity? ATI pg. 25	
9.	What equipment is needed for an outbreak of the avian influenza? Textbook pg. 340	
10.	What indicates a positive TB-skin test? Textbook pg. 352	
11.	What factors increase the spread of TB? Textbook pg. 349-356	

D & H-W - Ch. 20	Community Preparedness: Disaster and Terrorism	ATI Ch. 8
1.	What client classifies as a "Black" triage tag? Textbook pg. 498; ATI pg. 74	
2.	What client classifies as a "Red" triage tag? Textbook pg. 498; ATI pg. 74	
3.	What client classifies as a "Yellow" triage tag? Textbook pg. 498; ATI pg. 74	
4.	What client classifies as a "Green" triage tag? Textbook pg. 498; ATI pg. 74	
5.	What is the nurse's role in a Risk Assessment during disaster preparedness? ATI pg. 74	
6.	What occurs in the Planning phase of disaster management? Textbook pg. 492-499; ATI pg. 75	
7.	What is the purpose of evaluation and After Action Report? Textbook pg. 499-500; ATI pg. 74	
8.	What is included in an epidemiological analysis report (look at the recovery phase)? Textbook	

pg. 498
9. What are the emergency preparedness steps from the American Red Cross? Handout
10. What does the nurse need to document during a disaster? Textbook pg. 499
11. What are the nurse's roles in a bioterrorism disaster? ATI pg. 76
12. What are the manifestations of smallpox? ATI pg. 75
13. Where would the community receive supplies, food, water and possibly medications after a disaster? Textbook pg. 494
14. What are factors that hinder disaster response in culturally diverse areas? Textbook pg. 491
15. What are the nurse's role in field triage in a disaster? ATI pg. 75
16. What are examples of vulnerabilities in communities included in their disaster preparedness plans? Textbook pg. 492-493; ATI pg. 73
17. What are the phases of emergency management response? Textbook pg. 492-499; ATI pg. 73-74

D & H-W 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?		