



**Nursing 12**  
**Public Health Nursing 1: Environmental Health**

**Guide Questions for Reporting**

**A. Water Sanitation**

1. What is water sanitation?
2. What are the different water sources?
  - a. Ground
  - b. Surface
  - c. Rain
3. What are the different approved types/levels of water facilities?
  - a. Point source
  - b. Stand posts/communal
  - c. Waterworks system
4. What are the different water treatment methods in household and community level?  
Note: please identify which can be done in the household and community level. Explain each.
  - a. Chlorination
  - b. Standard water treatment
    - i. Coagulation
    - ii. Flocculation
    - iii. Sedimentation
    - iv. Filtration
    - v. Disinfection
5. Frequency of water treatment depending on the point source?
6. What are the properties of water? (Physical & Chemical properties)
7. What is/are the characteristics of safe water supply? (WHO standard)
  - a. Quality
  - b. Reliability
  - c. Cost
8. Water related diseases
  - a. Water-borne
  - b. Water washed
  - c. Water-based
  - d. Water related insect vector
9. What are the laws governing water sanitation?

**B. Proper excreta and sewage disposal**

1. What is excreta?
2. Importance of proper excreta disposal
3. What are the different levels of toilet facilities?
  - a. Communal
  - b. Public
  - c. Private
4. What are the different types of toilet facilities
  - a. Pail system
  - b. Open pit privy
  - c. Close pit privy
  - d. Bored hole latrine
  - e. Overhung latrine



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- f. Antipolo style
  - g. Water sealed latrine
  - h. Flush type
5. Describe excreta and sewage disposal system in urban and rural communities
  6. What are the laws governing this?

## **C. Solid Waste Management**

1. What is waste management?
2. What is refuse?
3. What is garbage?
4. What are the major sources and composition of solid wastes?
5. What are the processes involved in solid waste management?
4. What are the different ways of garbage disposal in urban and rural communities?
  - a. Hog feeding
  - b. Open dumping
  - c. Open burning
  - d. Burial pit
  - e. Composting (Anaerobic and Aerobic composting)
  - f. Garbage collection
5. Describe how the government is addressing the problems in waste management?
6. What are the diseases related to poor solid waste management?
7. Discuss recycling program.
8. What are the laws governing this?

## **D. Food Sanitation**

1. What is food sanitation?
2. Basis for food freshness (characteristics/standard of freshness)
  - a. Pork
  - b. Beef
  - c. Chicken
  - d. Fish
  - e. Vegetables
  - f. Fruits
  - g. Canned goods
  - h. Processed foods
3. Issues on expiration date. Differentiate expiration date and best before.
4. Regulation and control of food products (approval for release in the market)
5. Policies in regulation of food establishments
6. Laws governing food sanitation

## **D. Vector Control**

1. What are vectors?
2. What are the most common vectors being addressed?
  - a. Mosquitoes
  - b. Flies
  - c. Cockroaches
  - d. Rats
3. What are the common vector-borne diseases?
4. How are these managed by the government?



5. What are the prevention and control programs for vector-borne diseases? Describe the mechanism of action of each prevention and control measure.
6. Are there laws governing this?

#### **E. Environmental Pollution**

- a. Air pollution
  - i. Concepts related to air pollution
  - ii. What are the major causes of air pollution
  - iii. What are effects of air pollution
  - iv. Laws related to air pollution and management
- b. Land Pollution
  - i. Concepts related to land pollution
  - ii. What are the major causes of land pollution
  - iii. What are the effects of land pollution
  - iv. Laws related to land pollution and management
- c. Water Pollution
  - i. Concepts related to water pollution
  - ii. What are the major causes of land pollution
  - iii. What are the effects of land pollution
  - iv. Laws related to water pollution and management

#### **G. Proper Housing**

1. What is proper housing?
2. What are the standards followed in building houses?
  - a. Ventilation
  - b. Lighting
  - c. Location
  - d. Toilet condition
  - e. Water source
  - f. Others
3. What is the standard measurement for adequate housing per family?
4. What is crowding index?
5. Laws governing proper and adequate housing