

Name: KEY

Date: _____

Unit 7: Human Health Study Guide

TEST FRIDAY FEB. 24TH

1. What is an *emerging disease*?

One not previously known or existed previously and has re-emerged

2. What is a *neurotoxin*? List two examples.

• Lead
• Mercury
chemicals known to disrupt the function of the brain, spinal cord and other nerves

3. When do *naturally occurring chemical* become hazardous to human health?

When they are injected in higher than normal levels

4. What does the human *misuse of antibiotics* lead too?

antibiotic resistance

5. What is an *infectious disease*? List some examples.

can be passed to another organism
Flu, HIV

6. What is a *non-infectious disease*? List some examples.

cannot be passed to another organism.
heart disease, cancer, asthma, diabetes

7. How was the protest *Cryptosporidium* spread to the people of Milwaukee?

through the water

8. What is the *Miasma* theory of disease?

diseases were caused by a poisonous vapor or mist filled with particles from decomposed matter

a. What is *bloodletting*?

bleeding a patient to restore the balance of the four "humors"

b. What is the *cold water* treatment?

ice cold water was applied to draw blood away from the injured or affected organs

9. What are some examples of diseases caused by *fungi*?

• athlete's foot
• ring worm

10. What are some examples of diseases caused by *bacteria*?

Salmonella, Staph

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11. What is a **prion**?

abnormally shaped protein

12. What is the **origin of HIV/AIDS**?

Chimps.

13. What is a **chemical toxin**?

chemicals that can cause temporary or permanent harm or death to a living organism

14. What is an **endocrine hormone disruptor**?

interfere with the functions of normal chemical messengers in the body

15. What is a **hormone mimic**? Give an example.

Shaped similarly to a hormone, amplifies its effects, BPA

16. What is a **mutagen**?

damages the DNA within cells, increasing the frequency of mutations

17. What is a **teratogen**?

- causes birth defects, (ethanol, benzene, lead, mercury)

18. What is a **carcinogen**?

- known to cause cancer

19. What is **biomagnification**?

where a substance, such as DDT, accumulate as you move to the top of a food chain.

20. What makes an **LD50** of a substance more lethal than another?

the lower the LD50 the more lethal a substance is