

Name: \_\_\_\_\_

Health period: \_\_\_\_\_

CSI GAME Web Adventures


Opioids (will not work on Ipad)

- <http://tinyurl.com/jrzbas4>

Do Episodes 3 and 5 then take the quizzes below for each section.

Quiz 3: <http://tinyurl.com/jh3ewas>

Quiz 5: <http://tinyurl.com/jro4pg8>

Quiz #3: Instructions: Circle your answer on each question. Please answer every question. 

**A Plaguing Problem Episode 3 – Analgesic Anxiety: Quiz**

- 1) Heroin is a chemically-modified form of:
  - a) Codeine
  - b) Morphine
  - c) Nicotine
  - d) Thebaine
- 2) Which drug was originally invented as a non-addictive alternative to morphine:
  - a) Heroin
  - b) Cocaine
  - c) Codeine
  - d) Thebaine
- 3) One of the alkaloids derived from opium is:
  - a) Aspirin
  - b) Ibuprofen
  - c) Morphine
  - d) Tylenol
- 4) In this episode, Sedapa:
  - a) Shows you how to train the drones protecting the CyNN vault
  - b) Tells you to share what you learned from the Virtual Vault with Alpha
  - c) Informs you of the true identify of Beta
  - d) Reveals to you where the opiates are hidden in the Virtual Vault
- 5) Which class of drugs is recommended for the treatment of severe pain?
  - a) Antihistamines
  - b) Insulin
  - c) NSAIDs
  - d) Opioids
- 6) What is the most powerful analgesic in opium?
  - a) Morphine
  - b) Heroin
  - c) Codeine
  - d) Aspirin
- 7) Which of the following two are natural derivatives found in opium?
  - a) Codeine and Heroin
  - b) Morphine and Codeine
  - c) Heroin and Morphine
  - d) Thebaine and Curare
- 8) Chromatography is a way of:
  - a) Classifying a plant
  - b) Separating the components of a mixture
  - c) Measuring how effective an analgesic is
  - d) Analyzing a photograph from an experiment
- 9) The mission of this episode was to:
  - a) Find a non-addictive substance in opium
  - b) Track down the secret HPLC machine
  - c) Have people swallow morphine to test its pain relief properties
  - d) Introduce aspirin as a better alternative to pain relief.
- 10) Which class of drugs is recommended for the treatment of mild pain?
  - a) Antihistamines
  - b) Insulin
  - c) NSAIDs

- d) Opioids
- 11) Some scientists in the 1880's thought that morphine was not addictive if it was:
- a) Injected
  - b) Smoked
  - c) Snorted
  - d) Swallowed
- 12) Opiates can cause addiction if they are:
- a) Snorted
  - b) Smoked
  - c) Injected
  - d) All of the above

Quiz #5:

Instructions: Circle your answer on each question. Please answer every question.

**A Plaguing Problem Episode 5 – Opiates and Opinions: Quiz**

- 1) Feelings of pleasure are triggered in the brain's Reward Pathway by:
- a) Insulin
  - b) Endogenous opioids
  - c) NSAIDs
  - d) Estrogen
- 2) \_\_\_\_\_ is a condition in which higher doses of a drug are needed to produce the same effect as during first use.
- a) Craving
  - b) Rush
  - c) Tolerance
  - d) Withdrawal
- 3) Endogenous opioids trigger feelings of pleasure at the:
- a) Visual Pathways
  - b) Reward Pathways
  - c) Auditory Pathways
  - d) Cerebellum Lobes
- 4) A drug abuser becomes an addict:
- a) After ten hits
  - b) After only five hits
  - c) When emotionally weak
  - d) Depending on his/her risk factors
- 5) Endogenous opioids can cause powerful effects in the brain that lead to:
- a) Decreased feelings of enjoyment
  - b) Decreased feelings of nausea
  - c) Increased feelings of pain
  - d) Increased feelings of pleasure
- 6) \_\_\_\_\_ is a powerful opioid used to treat chronic pain.
- a) Oxycontin
  - b) Tylenol
  - c) Aspirin
  - d) Ibuprofen
- 7) Drugs derived from opiates are used to:
- a) Control pain
  - b) Control allergies
  - c) Prevent heart disease
  - d) Prevent cancer
- 8) \_\_\_\_\_ is a disease in which a person can not control a behavior even when such a behavior leads to negative consequences:
- a) Addiction
  - b) Cancer
  - c) Chronic pain
  - d) Plague