

Name _____

Date _____

Chihuahuan Desert Plants Quiz

1. Neurotransmitter
2. Living rock cactus
3. Peyote

- A. Serotonin
- B. Mescaline
- C. Hordinine

4. Peyote (*Lophophora williamsii*) contains the alkaloid mescaline.

- A. True
- B. False

5. Which Chihuahuan Desert plant produces rubber?

- A. *Yucca* sp.
- B. *Larrea tridentata*
- C. *Opuntia* sp.
- D. *Parthenium argentatum*

6. Which species is this?



- A. *Yucca* sp.
- B. *Larrea tridentata*
- C. *Opuntia* sp.
- D. *Parthenium argentatum*

7. Which species is this?



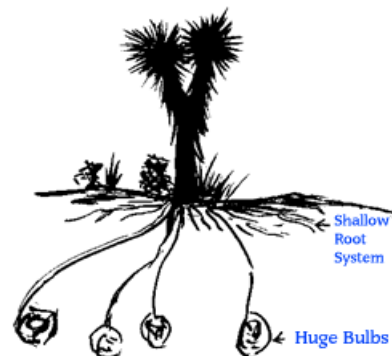
- A. *Prosopis glandulosa*
- B. *Agave lechuguilla*
- C. *Opuntia* sp.
- D. *Fouquieria splendens*

8. This plant species is part of the legume family (produces pods), often used as flavoring for BBQ, and the leaves produce a blue dye used in tattoo ink.

- A. *Agave lechuguilla*
- B. *Yucca* sp.
- C. *Prosopis glandulosa*
- D. *Ariocarpus fissuratus*

9. Which desert plant adaptation allows maximizing water absorption, and minimize

water loss. Often the root morphology (shallow vs. deep) is involved in water uptake.



- A. Avoidance
- B. Tolerance
- C. Opportunism
- D. Escape

10. Which is the indicator plant of the Chihuahuan Desert?

- A. Joshua Tree
- B. Lechuguilla agave
- C. Big Sagebrush
- D. Saguaro Cactus

11. Which is the indicator plant of the Sonoran Desert?

- A. Saguaro Cactus
- B. Lechuguilla agave
- C. Big Sagebrush
- D. Joshua Tree

By: Arturo Rocha, 2014



Chihuahuan Desert Education Coalition