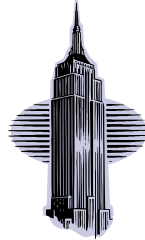


Name: _____ Period: _____

Planet Earth: Caves (47 minutes; 2007)

1. The movie opens with people jumping into “The cave of _____” in Mexico.
2. _____ The cave shaft shown is the deepest in the world. At over 400 meters it can easily hold (circle the largest possible choice.)



- A. The Sphinx B. Statue of Liberty C. Empire State Building D. Space Needle**

3. The New Zealand Cave Glow Worm has two adaptations that it uses to capture food. What are these two adaptations?

4. Most of the world’s caves are made from this kind of rock. _____. This rock covers nearly _____% of the Earth’s Surface.
5. Limestone is made from minerals that come from marine _____ and corals.
6. What is the force that carves out underground caves from limestone?

7. _____ Deer Cave in Borneo hosts the largest underground river passage in the world. So large that this could easily fly through it. (circle the largest possible choice.)



- A. an Eagle B. The Space Shuttle C. a bat D. Jumbo jet**

8. _____ It is estimated that _____ bats live in Deer Cave.
A. 3 thousand B. 3 million C. 3 billion D. 3 quintillion
9. The food web inside of Deer Cave is not directly powered by the sun. Draw a food web for Deer Cave that includes cockroaches, bat droppings, bats, cave centipedes & crabs.

10. If bats were removed from Deer Cave, what would be the resulting impact on the other species that spend their entire life inside of the cave?

11. Add ***Peregrine Falcons*** & ***Bat Hawks*** to the food web you created in question #9.

12. Cave Swiftlets and Bats both use _____ location to find their way in the dark.

13. _____ People harvest Cave Swiftlet nests to make this delicacy:
A. Birds nest omelets **B.** Birds nest chocolate **C.** Birds nest soup

14. Deposits of the mineral _____ form stalactites that hang from cave ceilings.

15. Mineral deposits on the floor of caves produces formations called _____.

16. If you were cave diving, would you attempt to go through one of the “Squeezes” as shown in the film? _____ because _____

17. Haloclines are a meeting of _____ and _____ water.

18. How do snakes detect the location of bats inside of a dark cave?

19. _____ Cave Angle Fish, Texas Cave Salamanders and Belizean White Crabs all have two things in common. They have all lost:

- A.** pigment and fins **B.** ears and eyes
C. eyes and pigment **D.** fins and ears.

20. Record the purpose of the two physical adaptations labeled in the picture below of a Texas Cave Salamander.



21. What are “snottites?” _____

22. In “the most beautiful of all caves” there are wonderful crystal formations. These crystals are made from the mineral _____.

23. _____ Caves can be formed from
A. running water **B.** ocean waves **C.** sulfuric acid **D.** all of the above

24. List one unique fact about the Chandelier Ballroom.