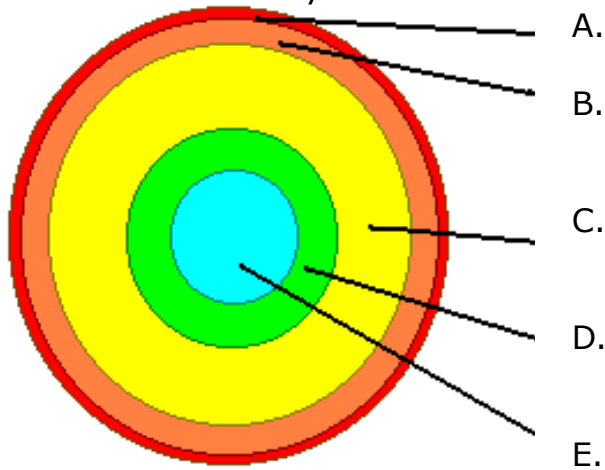


Name _____

7th Grade Earth and Organization Test

1. Label the five layers of the earth



2. What is the inner core made from? _____

3. Which layer is least dense? _____

4. Which layer is most dense? _____

5. Which layer of earth is a Latin word meaning *rock circle*? _____

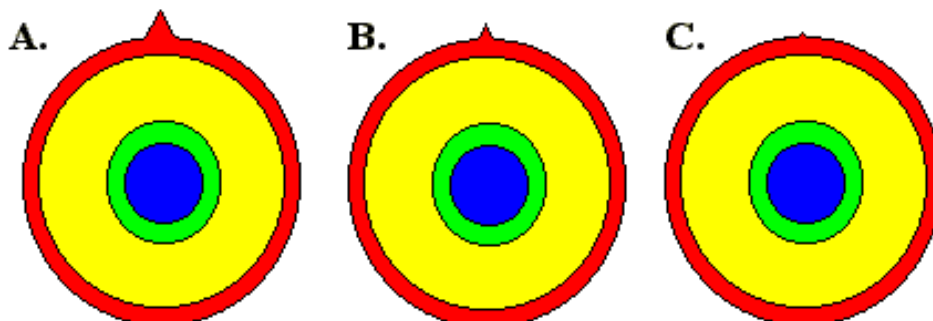
6. What layer are we standing on? _____

7. What is the fastest moving layer of earth? _____

8. How did scientists figure out the layers of the earth?

- A. By measuring the speed of earthquake waves
- B. By digging to the core
- C. By looking at the grand canyon
- D. By making guesses

9. Which picture is the best representation of Mount Everest?



10. Describe a P wave _____
11. Describe an S wave _____
12. Describe a surface wave _____
13. Draw the "onion" of organization. Start with atom and end with organism.

14. List three types of TISSUES. _____

15. List three organs. _____

16. List three organ systems. _____

17. List three organisms other than humans _____

18. What is an organelle? _____

19. Which is bigger, an atom or a molecule? _____

20. What is the smallest unit of life (smallest living thing)? _____

21. What can earthquakes teach us about the world? _____

22. Predict: The earth's magnetic field has changed many times in its history. If this change happened today, what would be one result?

23. What would you use to measure the VOLUME of chlorine in a jar?

- A. Meter
- B. Liter
- C. Gram
- D. Celsius

24. What would you use to measure the LENGTH of a parking lot?

- A. Meter
- B. Liter
- C. Gram
- D. Celsius

25. How many kilograms in 34,000 grams? _____

26. In the scientific method, how do you test your hypothesis?

- A. Make Observations
- B. Experiment
- C. Make a Theory
- D. Evaluate

27. If a test tube full of chemicals spills, what would you do first?

- A. Clean it up with your sleeve
- B. Throw some paper towels on it
- C. Tell the teacher
- D. Splash some at your friends

28. Convert 40 meters to centimeters. How many are there? _____

29. What is the abbreviation for hectometers? _____

30. Which system of measurement do scientists use?

- A. The Standard System (English King System)
- B. The Guessing System (Measure twice, Cut Once)
- C. The Metric System (International System)

31. Suppose your clothing caught fire in the lab. What should you do?

- A. Run and scream to attract attention
- B. Dump water on it, even if it's a chemical fire
- C. Smother the flames with a coat or a safety blanket
- D. Sit quietly and wait for the teacher to call on you

/10

EXTRA CREDIT – Make a science poem or song relating to the test. (on back)