6th Grade Final

Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Section I (**Earth Science (20pts)**

Directions: Paste this test into the answer box and then complete the test.

Select the correct answer from the following choices to answer the multiple choice questions.

1. Another name for earth science is\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Biology
3. Chemistry
4. Nebula
5. Geoscience
6. None of the above makes any sense
7. The Earth’s crust is made of which of the following types of rocks?
8. Ignatius, Columbic, and Seditious
9. Deep Earth, Vulcan, and Martian
10. Marzipan, Frost, and Frozen Bitters
11. Igneous, Metamorphic, and Sedimentary
12. None of the above make any sense.
13. Generally speaking, the earth’s densest rocks are found \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .
14. In space
15. In the continental crust
16. On Mars
17. At the bottom of the oceans
18. None of the above make any sense
19. The formula for density is\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .
20. A fact that can never be truly determined
21. In the earth’s atmosphere
22. Mass/volume
23. Obnoxious.
24. Volume is a measure of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .
25. Weight
26. The amount of mass in a material
27. Aggravation/Time=Volume
28. The amount of space something takes up
29. None of the above make any sense

Fill the blanks with the correct vocabulary words from the word bank below

Word Bank #’s 6 – 9

Photon, Lithosphere, Andromeda section,

Mantle, Outer Core, Inner Core, Nucleus,

Electron cloud, Proteus, Neutron

Diagram of Earth

(Surface of Earth #6)\_\_\_\_\_\_\_\_\_\_\_\_

#7\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

#8\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(Center of Earth #9\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10) The Earth’s shape most closely resembles which of the following.

a) Earth is mostly flat like a pancake.

b) Earth is rectangular most closely resembling the cube

c) Earth is flat like a baseball field

d) Earth is shaped like a sphere similar to a ball

e)None of the above make any sense

**Section II Chemistry (20 pts)**

11) Oxygen, Nitrogen and Gold are examples of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

a) Compound chemicals

b) Earth, fire and water

c) Life forms commonly found in lakes

d) elements

12) The center of the atom is called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

a) neutron

b) stem

c) photosynthetic net

d) nucleus

e) none of the above make any sense

13) Electrons are located \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

a) in the perfect vacuum

b) in the electron cloud outside of the nucleus

c) in the same location protons are.

d) very aggravated at this time

14) Water is an example of\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

a) a fire

b) a subatomic particle

c) a compound

d) an explosive molecule

15) The primary difference between one element and another is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

a) their galactic projections

b) their relative happiness in the electron field

c) their number of protons and electrons

d) their simultaneous excitation solutions

16) The table that shows all of the known elements is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

a) the periodic table

b) the gastrointestinal table of acids

c) carbon dioxide

d) Tablet of Tarcono

17) Carbon has an atomic number of 6 and an atomic mass of 12, how many neutrons does it have?

a) There is not enough information here to answer the question

b) 6

c) Easy, the answer is obviously 18!

d) -3 neutrons and +4 electrons

18 The most abundant element in the universe is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Earth, fire and water
2. Halitosis Compound
3. Gaseous anomaly
4. Hydrogen
5. None of the above make any sense

19) Which of the following is an example of a subatomic particle?

a) a sabbatical in a subtropical region

b) the current moving through the copper coil

c) tuberculosis

d) the proton

e) none of the above make any sense

20) An example of one type of chemical bond is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

a) covalent

b) disappointed

c) aggravated

d) cultivated

H

1

1

21) The arrow points to what we call \_\_\_\_\_\_\_\_\_\_\_\_\_

1. The atomic number
2. The atomic symbol
3. The atomic mass
4. Acceleration factor

**Section III Physics (20pts)**

22) When an object falls, it moves faster and faster. This is called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

a) situational

b) acceleration

c) turbine and magnetic coils

d) piston drive shaft

22b) Which of the following are required in order to create electricity.

a) battery and water

b) metal silicate and metallic hydrogen

c) Ice VIX

d) copper coil and magnet

e) black hole and high gravitational fields

23) Two types of electrical current are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

a) aggravated current and decelerated boils

b) Iron fidelity

c) AC/DC

d) Novocain

For numbers #’s 24 – 27 refer to the diagram below.

24) Below is a diagram of a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Galactic Nebula
2. Hydroelectric Power plant
3. Nuclear Power plant
4. Circuit

Fill in the blanks with the correct vocabulary Word

|  |
| --- |
| Battery, Bone Structure, Copper Wire, Microwaves  Switch, Large Hadron Collider |

25)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |
| --- |
|  |

26)

27)

Physics (Space Science)

28) The most massive object in our solar system is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

a) the planet Krypton

b) the earth

c) the sun

d) the galactic Nebula

29) The time it takes the earth to make one revolution around the sun is called a \_\_\_\_\_\_\_\_ .

a) lunar month

b) the calendar

c) time sequence

d) year

e) none of the above make any sense

30) One of the four basic forces found in the universe is\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ .

a) the Star Wars Force

b) gravity

c) fire

d) desperation

**Section IV Plant Biology**

Name 4 parts of a plant and describe each of their functions.

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1b) Its function\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

2b) Its function\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

3b) Its function \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4)\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

4b) Its function\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Section V (20pts) Essay Questions**

Directions: Please answer the following questions using **YOU OWN** words in complete sentences. **Do not cut and paste other another person’s work.**

**Question I What is photosynthesis ?**

**b) What forms of life make use of photosynthesis and why?**

**c) Write the general chemical formula for photosynthesis.**

**d) Could life on earth exist without it? If you answer “yes” – explain your reason. If your answer “no” -explain you reason.**

**Question II**

1. **How is electricity generated?**
2. **What is electricity**
3. **What are the two basic materials required generate electricity?**
4. **What does AC electricity mean?**
5. **What is DC electricity?**
6. **What is the difference between AC and DC electricity?**
7. **What kind of electricity is used in your home?**