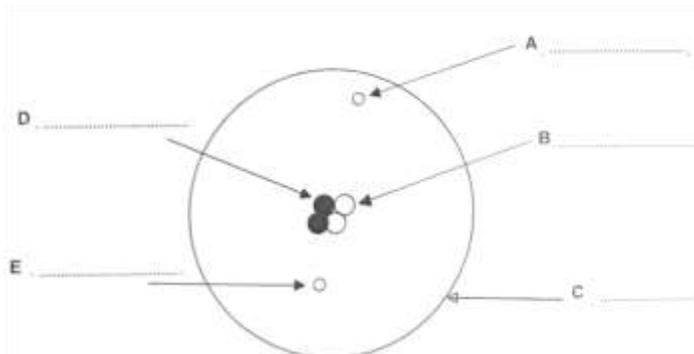


I. Using words in the word bank below, label the diagram.



Word bank : electron, proton, neutron, nucleus, electron shell

- Which part of an atom has a negative electric charge ?
- Which part of the atom contains no electric charge ?
- Which part of the atom has a positive electric charge ?
- Electricity, light and sound are made up of atoms.
(True / False)
- Atoms can be observed with our bare eyes. (True / False)
- Atoms have a mass and volume. (True / False)

II. Choose the correct answer:

- Multicellular organisms contain cells that each perform their own _____.
a. Dimensions b. fluid c. water supplies d. functions
- If you observed cells from the muscles of a shark and a snake under a microscope you will notice that _____.
a. cells from the shark are larger in size
b. cells from the snake contain venom
c. both cell types are similar in size
d. cells from the mouse are smaller in size

- What covers the outside part of your body ?
a. Epithelial b. muscles c. film of water d. nerves
- Which tissue causes movement based on expansion and contraction ?
a. Vein b. nerve c. muscle d. epithelial
- An / A _____ is a group of tissues that perform a specific function.
a. Skeleton b. Organ c. Vein d. Muscle
- What is the main function of the small intestine ?
a. activates the immune system b. creates bone marrow
c. produces hormones d. absorbs food nutrients
- _____ can cause disease.
a. Viruses b. Hair c. White blood cells d. Saliva
- Identify a communicable disease below.
a. epilepsy b. headache c. muscle cramp d.influenza
- Identify unicellular organisms that can cause disease below.
a. virus b. bacteria c. golgi body d. fern
- Rose has influenza. She accidentally sneezes into Paul's face. Paul could get the disease from Rose because _____.
a. it is a non-communicable disease b. he is sick
c. influenza is communicable d. because he is vaccinated
- _____ Cells constitute part of the immune system.
a. Animal b. Epithelial c. Red blood d.White blood
- How can we prevent the spread of some diseases?
a. not taking a shower every day
b. by living in dirty environments
c. by maintaining clean habits
d. being in contact with infected people

13. A _____ object can scatter light making it impossible to see objects through it.
 a. Translucent b. opaque c. transparent d. shiny
14. Light waves that bounce off a smooth surface are said to have been _____.
 a. refracted b. reflected c. radiated d. bounced
15. Which among the following colors of visible light has the longest wavelength ?
 a. Green b. blue c. orange d. red
16. If you put an object in a transparent glass of water and look at it through the glass, it appears bent due to _____.

- a. Radiation b. absorption c. refraction d. reflection

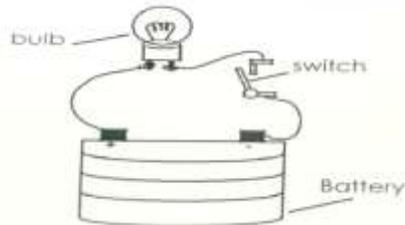
17. Which object below will allow light to pass through it ?

- a. a wooden box b. a ceramic tile
 c. a glass of water d. a mirror

18. Why does a black sponge appear black ?

- a. it absorbs all colors of light b. it reflects all colors of light
 c. it refracts all colors of light d. because it is painted black

V. Observe the diagram and answer the following:



1. In the diagram above, is the bulb shining ? yes or No

2. What must you do to turn on the bulb ?

- a. detach the bulb from the cable
 b. the switch should be open
 c. The switch should be closed
 d. tighten the ends of the battery

3. Electricity travels through a _____.
 a. Insulator b. Fire c. Switch d. Coil

4. _____ is a good conductor of electricity.
 a. Copper b. Paper c. Cloth d. Ceramic

5. What causes paper to stick to a pen that has been rubbed with a cloth?

- a. Hydroelectricity b. Static electricity
 c. Gum d. Switching on and off

6. What is used to break an electric circuit?

- a. Battery b. A coil c. A switch d. a bulb

VI. True or False.

- The moon revolves around the earth.
- The earth is the center of the universe.
- The earth's revolution occurs every 24 hours.
- The axis of the earth is tilted.
- Our solar system is part of the Milky Way galaxy.
- Venus is the largest planet in our solar system.
- The earth is the center of the universe.
- The universe is mainly constituted of empty space.
- The sun's gravity is what keeps the earth in its orbit.
- The closest planet to the sun in our solar system is mars.
