JABEZ EDUCARE CHRISTIAN ACADEMY
Ramiroville, Balulang, Cagayan de Oro City
1st Quarter Examination
SCIENCE VI

Score:

NAME:_____

Direction: A. Circle the letter of your answer.

1. It is the combination of two or more substances that are not chemically combined.
   a. mixture b. solution c. colloid
2. How many bones does a young adult have?
   a. 350 b. 206 c. 250
3. Which of the following is an example of a homogeneous mixture?
   a. salt and pepper b. milk c. salad with dressing
4. Which of the following is a characteristic of a heterogeneous mixture?
   a. The components are evenly distributed.
   b. The mixture has a uniform appearance.
   c. The components can be easily separated.
5. It is a rigid tissue made of cells inside a hard framework of even more cells?
   a. muscles b. bones c. blood
6. Which of these mixtures is homogeneous?
   a. vinegar b. chocolate chip cookie dough c. oil and vinegar salad dressing
7. The _____ is located on the upper part of the upper limb and is commonly known as the collarbone.
   a. sternum b. clavicle c. ribs
8. Which of the following is NOT a homogeneous mixture?
   a. milk b. sugar water c. pizza
9. The term is used to describe the substance that dissolves another substance.
   a. solvent b. solute c. alloys
10. Why is separating mixtures important?
    a. It helps get pure substances.
    b. It changes the substances.
    c. It wastes the substances.
11. What is a characteristic of a homogeneous mixture?
    a. It has visible layers.
    b. It has a uniform composition.
    c. It contains only solids.
12. Evaporation is used to:
    a. Separate solids from liquids by heating.
    b. Mix substances together quickly.
    c. Make a solution more concentrated.
13. All are the different kinds of muscles EXCEPT _____.
    a. skeletal b. cardiac c. nerve
14. Which method is used to separate larger impurities like stones from grains?
    a. evaporation b. handpicking c. decantation
15. It is the long bone that connects the shoulder to the lower arm.
    a. ulna b. humerus c. scapula
16. What do the ribs protect?
    a. Brain and spinal cord b. Heart and lungs c. Kidneys and liver
17. All are the different kinds of muscles EXCEPT _____.
    a. skeletal b. cardiac c. nerve
18. What do you call the protein that makes up the framework of bones?
    a. enamel b. collagen c. chitin
19. It is the process of separating substances with different solubility.
    a. condensation b. chromatography c. distillation

LIVEWORKSHEETS

B. Write TRUE on the line if the statement is correct. Otherwise, write FALSE.

_____1. Separating mixtures is useful to the society.

_____2. Filtration and distillation produce potable water.

_____3. Tyndall effect is a property exhibited by suspension.

_____4. Exercise should be avoided to prevent damage to the musculo-skeletal system.

_____5. Soil is an example of a heterogeneous mixture.

_____6. A homogeneous mixture has a uniform composition throughout.

_____7. Filter paper is a semi-permeable paper barrier used to separate fine substances from liquids to solid.

_____8. Cushion any hard landing to prevent serious damage to bones and joints.

_____9. The endocrine system enables the movement of the body.

_____10. Handpicking is a process that separates a dissolved substance from a liquid by heating.

C. Identify whether each mixture is *homogeneous or heterogenous.* Write your answer on the line.

_____1. vegetable salad

_____2. salt water

_____3. haluhalo

_____4. a chocolate chip cookie

_____5. oil and water in a glass

_____6. lemonade with no pulp

_____7. a glass of milk

_____8. sand and pebbles in a jar

_____9. coffee

_____10. pizza with different toppings

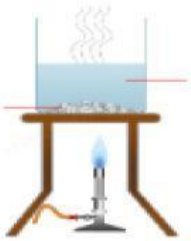
D. Thick the box to indicate which types of muscles you are functioning in order for you to make each action.

Action	Voluntary Muscles	Involuntary Muscles
lifting an object		
sneezing reflex		
chewing		
writing		
shivering		
reaching downwards using your arms		
keeping eyelids open without blinking		
hiccupping		
catching a ball		
running		

LIVEWORKSHEETS

E. Identify the process of separating mixture exhibited in each picture.

handpicking	evaporation	decantation	sieving	magnet

1. 

_____

2. 

_____

3. 

_____

4. 

_____

5. 

_____

F. Essay.

1. **How do we take care of the bones and muscles in our body? 3pts.**

We take care of the bones and muscles in our body by _____

_____

_____

_____

_____

2. **Compare the characteristics of homogeneous and heterogeneous mixtures. 3pts.**

The characteristics of homogeneous mixtures are _____

_____

_____

While the characteristics of heteregeneous mixtures are _____

_____

_____

LIVEWORKSHEETS