

PAKISTAN INTERNATIONAL SCHOOL, RIYADH

FIRST SEMESTER SESSION 2017 - 2018

Subject: General Science

Worksheet # 01

Grade: 4

Unit: 1 "The Human Body" & Unit: 2 "Teeth"

Name: _____ **Class /Sec:** _____

Q1: Fill in the blanks.

- a. The human body is like a _____ .
- b. The human body is made up of _____ .
- c. An adult body is made up of _____ .
- d. An adult body has _____ bones while a baby has _____ .
- e. The spine supports the head and _____ .
- f. All the bones together make up the _____ .
- g. Skeletal muscles are also called _____ .
- h. _____ decay due to eating sugary foods.
- i. An adult has a set of _____ permanent teeth.
- j. Incisors are shaped like tiny _____ .
- k. Teeth that are used for cutting are _____ .
- l. _____ are the toughest of all the teeth.
- m. _____ help to chew food.
- n. The pointed teeth besides Incisors are called _____ .

Q2: Choose the correct answer.

1. All _____ animals have a skeleton. (Invertebrates, Vertebrates)
2. The longest bone of our body is _____. (Stirrup, Femur, Joint)
3. The tissue that joins two bones together is known as _____ .

(Ligament, tissue, hinged)

4. The sticky coating creates holes in teeth and causes _____.

(plaque, decay, germs)

5. It is important to visit your dentist at least once every _____.

(six months, one month, two months)

Q3: True and False

1- Sweets and sweetened drinks are good for our teeth. _____

2- We should brush only once a day. _____

3. Canines help to tear food. _____

4- Premolars are also called as chewing teeth. _____

5- The stomach is an example of skeletal muscles. _____

6- The bone is an example of muscles. _____

7- Milk, cheese and Yoghurt are calcium rich food. _____

8- The combination of muscles and skeletal system is called musculoskeletal system. _____

9- Bones can bend or break easily in young people. _____

10- Elbow joint is an example of socket joint. _____

Q4: Matching

- | | |
|---|-------------------|
| 1. A bone is an example | a. smooth muscles |
| 2. Stomach is an example | b. muscles |
| 3. A person who checks and look after teeth | c. chewing teeth |
| 4. Pre molars are also known as | d. Dentist |
| 5. There are three types of | e. tissues |

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Worksheet # 02

Grade: 4

Unit: 3 "Animal Kingdom" & Unit: 4 "Animal Reproduction"

Name: _____ Class /Sec: _____

Q1: Fill in the blanks.

- a. Adult frogs breathe in water through their _____.
- b. _____ is an example of an egg laying mammal.
- c. Animals which have _____ are called vertebrates.
- d. Animals which _____ have backbone are called invertebrates.
- e. _____ is an example of invertebrates.
- f. The _____ part of the egg which stores foods for the embryo is called the Yolk.
- g. The _____ sticky liquid inside an egg is called Albumen.
- h. The Ostrich's egg is the _____ bird's egg.
- i. The egg of fish and amphibians are _____.
- j. The _____ protects the growing animal inside.

Q2: Choose the correct answer.

1. The young phase of the frog is called _____.
(egg, tadpole, vertebrate)
2. Adult frog breathe through its _____. (skin , lungs, nose)
3. Which of the following is a mammal. (Parrot, Sparrow, Bat)
4. The animals which maintain their body temperature are _____ animals. (vertebrates, warm blooded, amphibians)
5. The embryo inside a chicken's egg takes _____ days. (4, 21, 10)
6. Which animal does not lay eggs . (Elephant, Ostrich, Hen)

Q3: True and False

- 1- Birds are warm blooded animal. _____
- 2- Amphibians give birth to their babies. _____
- 3. Reptiles have dry shin covered with scales. _____
- 4- Mammals mostly live in water. _____
- 5- The smallest egg is the humming bird's egg. _____
- 6- Insects eggs are often laid on the upside of leaves. _____

Q4: Matching

- 1. Animals having scales a. Reptile
- 2. There are five classes b. lay eggs
- 3. The outside of an insect's egg is made up of c. cold blooded
- 4. Frog is a d. vertebrates
- 5. Platypus is a mammal that e. albumen
- 6. Egg white is also known as f. chitin

Q5: Write five vertebrates and five invertebrate animals.

| VERTEBRATES | INVERTEBRATES |
|-------------|---------------|
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Worksheet # 03

Grade: 4

Unit: 5 "Mixture and solution" & Unit: 6 "Separating Mixtures"

Name: _____ **Class /Sec:** _____

Q1: Fill in the blanks.

1. _____ + SOLVENT = SOLUTION
2. Fish can breathe in _____ because oxygen gas dissolves in water.
3. A solution is a transparent and homogenous _____
4. Water is known as _____ solvent
5. The substance that dissolves is called _____.
6. The process which changes a _____ into gas is known as evaporation
7. A mixture is a substance consisting of two or _____ than two substance
8. To remove salt from sea water we use method called _____.
9. Magnets are used to separate magnetic from _____ materials.
10. The solid that remains on the filter paper after filtration called _____

Q2: Choose the correct answer.

1. Chalk powder can be separated from a liquid using the method known as
a) filtration b) evaporation
2. The solid which remains on the filter paper after filtration is the _____
a) residue b) filtrate
3. Which of the following is not soluble in water
a) salt b) chalk

4. The substance which is dissolved make a solution is the

- a) solvent b) solute

5. Which of the following gases is not dissolved in fizzy drinks

- a) oxygen b) carbon dioxide

6. Electromagnets are used to sort some _____ from junk.

- a) plastic b) metal

Q3: True and False

1. The gas in fizzy drinks is called carbon dioxide. _____

2. Sand is soluble in water. _____

3. Milk is known as universal solvent. _____

4. Salt is soluble in water. _____

5. Sedimentation is a process used to settle down suspended solids in water.

6. Electromagnets are used to sort metals from the junk in scrap yard.

7. Evaporation is a process to separate soluble solid from liquid by heating.

8. We separate water by sedimentation. _____

9. A solution is made up of solute and solvent. _____

10. Sugar and salt dissolve in water. _____

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FIRST SEMESTER SESSION 2017 - 2018

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Worksheet # 04

Grade: 4

Unit: 7 "The Earth in space" & Unit: 8 "Heat"

Name: _____ **Class /Sec:** _____

Q1: Fill in the blanks.

1. The earth takes one day to spin once on its _____.
2. The _____ of the earth causing day and night is called rotation.
3. The earth is slightly _____ on its axis as it orbits the sun.
4. The area of the earth which leans _____ from the sun has winter season.
5. _____ energy is the energy of motion.
6. When we heat an object, its particles start moving _____.
7. In _____ energy heat transfer from warmer object toward cooler object.
8. A thermometer is made up of _____ glass
9. The normal human body temperature on _____ scale is 37 °C.
10. Temperature is the _____ of the average kinetic energy of atoms.

Q2: Choose the correct answer.

1. An instrument called _____ is used to measure the temperature
a) Thermometer b) Bulb c) matter
2. Each mark on the thermometer is equal to _____ degree
a) 1 b) 4 c) 6
3. Pure water boils at _____. a) 100 b) 150 c) 300
4. Earth spins just like a top on its _____ in an anticlockwise direction.
a) rotation b) axis c) circle

5. The time the earth takes to complete one rotation on its axis is called a _____ a) year b) day c) night

Q3: True and False

1. The instrument which is used to measure temperature is called thermometer _____
2. Heat cannot melt solids like rubber gloves. _____
3. Matter is made up of tiny invisible particles called atom. _____
4. The earth takes 365 days to complete one orbit around the sun. _____
5. The normal body temperature on the Celsius scale is 40 heat can melt liquids and evaporate solids. _____

Q4: Draw and label the "Thermometer".