



SHREE VASISHTHA VIDHYALAYA.

Science Worksheet 2026-27

Name :-

Answer key

Std :- V =

Roll No. :-

Revision Worksheet : TA-1

Date :-

Q-1 Choose the correct option.

- Which of these parts of a seed store food for the baby plant?
a. Root b. Seed leaves c. Stems d. Seed hole
- Which of these is caused by animal bite?
a. Rabies b. Fracture c. Blister d. Sprain
- In sugar solution of sugar and water, what is the solute?
a. Sugar b. Water c. Salt d. None of these
- Which of these materials can be used to make a magnet?
a. Nickel b. Gypsum c. Calcite d. Mica
- Which of these help us in movement?
a. Bones b. Muscles c. Joints d. All of these

Q-2 Fill in the blanks.

(Freezing, nutrients, femur, sedimentary, vinegar, baking soda, Igneous)

- The femur is the longest bone in the human body.
- Sedimentary rocks are always formed in layers.
- Freezing is a type of solidification.
- In case of minor burns, we can apply a paste of baking soda.
- Manure and fertilizers add nutrients to the soil.

Q-3 Write true or false.

- All accidents are caused by fires. False
- A maple seed is dispersed by explosion. False
- Water is a universal solvent. True
- Gypsum and mica are metallic minerals. False
- The bone marrow makes blood cells for the body. True

Q-4 Match the following.

Column-A	Column-B	Ans: -
1. Skull	a) Stem	1- g
2. Petroleum	b) Explosion	2- e
3. Carrot	c) Hinge joint	3- d
4. Elbow	d) Root	4- c
5. Shoulder	e) fossil fuels	5- f
6. Potato	f) ball and socket joint	6- a
7. Conglomerate	g) 22 bones	7- h
8. Peas	h) Sedimentary	8- b

Q-5 Define the following.

- Germination: The process by which a seed produces a new plant
- Magnet: Substances that can attract iron are called magnets
- Magma: Molten rock inside the Earth is called magma

Q-6 Give two examples for each of the following.

- Minerals: calcite, Bauxite
- parts of eye: Iris, Retina
- Miscible liquids: milk and water, lemon juice and water

Q-7 Give one word for the following.

- The long single bone that makes the upper arm: Humerus
- The part of the eye where an image is formed: Retina
- Buds of a potato that grow into a new plant: Eye

Q-8 Read the following two statements and choose the correct option.

A) **Statement 1** - The Qutub Minar is made up of red sandstone.

Statement 2 - Metamorphic rocks preserve fossils.

- Both statements 1 and 2 are correct.
- ☒ Statement 1 is correct but statement 2 is incorrect.
- Statement 1 is incorrect but Statement 2 is correct.
- Both statements 1 and 2 are incorrect.

B) **Statement 1:** Water vapour is the gaseous form of water.

Statement 2: Water vapour has a fixed shape.

- Both Statement 1 and 2 are correct.
- ☒ Statement 1 is correct but Statement 2 is incorrect.
- Statement 1 is incorrect but Statement 2 is correct.
- Both Statement 1 and 2 are incorrect.

Q-9 Think and write

- Why do we need to wear helmet while driving?

Because it protects our head from serious injuries during an accident. It acts like a safety shield and can save our life.

- Why are there no plants and animals on other layers of Earth?

Because other layers of Earth, do not have suitable conditions needed for life such as air, water, suitable temperature and sunlight.

Q-10 Answer the following in detail.

- List any three uses of minerals

Three uses of minerals are-

- Making buildings and roads :- Minerals like limestone and iron are used in construction.
- Making tools and machines :- Metals such as iron and copper are used to make tools, wires and machines.
- Making jewellery :- Precious minerals like gold, silver and diamonds are used to make jewellery.

Q-11 Answer the following in brief.

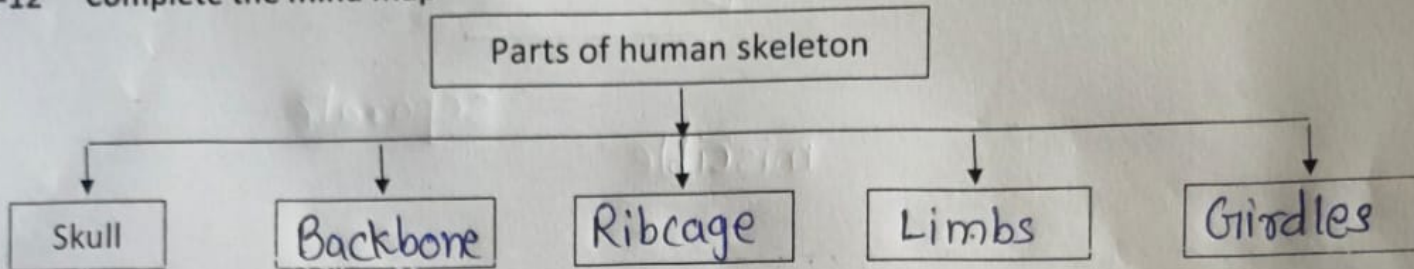
1. What are solutions?

When two substances mix together such that they are evenly distributed, a solution is formed.

2. What is reflex action?

The automatic response of the body to a particular stimulus is called a reflex action.

Q-12 Complete the mind map



Q-13 Picture study

A) Identify the type of rock and type of joint.

1)



Gneiss

2)



Hinge joint

B) Look at the picture and answer the following questions.



A. Choose the correct answer.

1. The child quickly pulls away the hand after touching a hot object. This is called:

☒ a. Reflex action

b. Digestion

c. Breathing

2. Which part of the nervous system mainly controls a quick reflex action?

☒ a. Spinal cord

b. Stomach

c. Lungs

B. Fill in the blanks.

1. Pulling your hand away from a hot object is a reflex action.

2. A reflex action happens quickly to protect our body from injury / harm.

Q-14 Case study

Some liquids mix completely with each other and form a uniform mixture. Such liquids are called miscible liquids. For example, water and alcohol are miscible. Some liquids do not mix with each other and form separate layers. These are called immiscible liquids. For example, oil and water are immiscible.

A. Choose the Correct Option

- a) Liquids that mix completely with each other are called: liquids
- a) Immiscible ☒ b) Miscible ☐ c) Solids
- b) Which pair of liquids is immiscible?
- a) Water and alcohol ☒ b) Oil and water ☐ c) Water and water

B. Fill in the Blanks

1. Oil and water are immiscible liquids and form separate layers.
2. Water and alcohol are miscible liquids.

Q-15 Draw and label the diagram.

- a) Structure of seed

Structure of seed

