

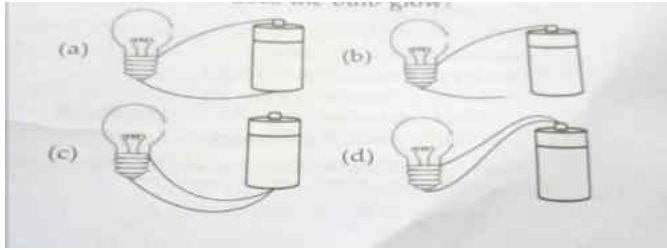
## Class Notes

**Class: VI**

**Topics: Revision  
worksheet of PT4**

**Subject: Science**

I. Tick the correct answer:

1. About one fifth of ordinary air is:
  - a. Nitrogen
  - b. Carbon dioxide
  - c. Water vapour
  - d. Oxygen
2. Which of the following is not a property of air?
  - a. Occupies space
  - b. Can be compressed
  - c. Cannot be felt
  - d. Has mass
3. An example of an opaque object is
  - a. Glass slab
  - b. Tracing paper
  - c. A wooden cardboard
  - d. All of these
4. What happens when north pole of a bar magnet is brought near the north pole of another bar magnet?
  - a. Repulsion
  - b. Attraction
  - c. Partly repulsion, partly attraction
  - d. None of the above
5. In which case does the bulb glow?
6. By which term is the backbone also known as?
  - a. Spine
  - b. Vertebral column
  - c. Both a and b
  - d. Spinal cord
7. Which of the following is characteristics of both living and non living?
  - a. Excretion
  - b. Respiration
  - c. Photosynthesis
  - d. Movement
8. Which of the following statements is not true?
  - a. The skeleton provides framework to the body
  - b. Fishes make their bodies streamlined to move through water
  - c. Plants in mountaineous regions are conical in shape
  - d. Predators and prey are found in grasslands.

9. SI unit of length is:

- a. Metre
- b. Centimetre
- c. Kilometre
- d. Decimetre

10. Which of the following is known as farmer's friend?

- a. Snail
- b. Earthworm
- c. Insects
- d. snakes

II. Fill in the blanks

- a. The type of joint found in elbow is----- joint.
- b. Dolphins breathe through-----.
- c. Type of motion shown by membrane of a drum is -----.
- d. A device used to find direction at a place is called -----.
- e. Materials which are attracted by magnets are called -----.

III. Write answer in one word

- a. Type of objects which allow light to pass through partially.
- b. Path along which current flows.
- c. The component of air given out by plants during photosynthesis.
- d. The place where an organism lives.
- e. Type of joint found in knee.

IV. Correct the following statements by changing the underlined words.

- a. Birds have heavy bones which help them to fly.
- b. Bone is found at the tip of nose.
- c. Anything which brings about a response is called adaptation.
- d. An electric cell has one terminal.
- e. Nitrogen supports burning.

V. Match the column

A	B
i. Pivot joint	loop
ii. Snakes	inverted image
iii. Gills	plastic
iv. Pinhole camera	neck
v. Insulator	breathing

VI. Very short answer questions

- a. Write any two characteristics of image formed by a pinhole camera.
- b. Why do electricians wear gloves while handling electrical equipment?
- c. Why does a cotton wool shrink in water?
- d. Write any two properties of magnet.
- e. Write any two examples showing response to stimulus.
- f. What happens when a bar magnet is freely suspended?

VII. Short answer questions

- a. Write the functions of skeletal system.
- b. Write any three adaptations found in aquatic plants.
- c. Write the difference between biotic and abiotic factors.
- d. Write the difference between conductors and insulators.
- e. Write any three activities possible due to presence of air.
- f. Convert 3.6 km into m and cm.

VIII Long answer questions

- a. How will you show air is required for burning? Describe with the help of an experiment.
- b. Draw a neat well labelled diagram of an electric cell.
- c. Write about the composition of air. Why do mountaineers need to carry oxygen cylinder?
- d. What is adaptation? How does it help an organism? Write the adaptations found in plants of mountain regions.



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**A. Choose the correct answer**

1. Which of the following is not an example of response to stimulus?
  - a. Watering in mouth when we see delicious food items.
  - b. Closing of leaves of Mimosa plant when touched.
  - c. Shutting our eyes when an object is suddenly thrown in our direction.
  - d. A chick hatching out of an egg
  
2. Which is a biotic component of environment?
  - a. Plants
  - b. Animals
  - c. Microorganisms
  - d. All of these
  
3. Photosynthesis in cactus is carried by
  - a. Stem
  - b. Root
  - c. Leaf
  - d. None of these
  
4. Which of the following is a luminous object?
  - a. Chair
  - b. Sun
  - c. Pencil
  - d. Table
  
5. In which case is attraction seen between two bar magnets?
  - a. North pole of one magnet with north pole of other
  - b. South pole of one magnet with south pole of other
  - c. North pole of one magnet with south pole of other
  - d. All of the above
  
6. About one fifth of ordinary air is
  - a. Nitrogen
  - b. Carbon dioxide
  - c. Water vapour
  - d. Oxygen
  
7. Fish derive oxygen from:
  - a. Water present in soil
  - b. Air dissolved in water
  - c. Air present in soil
  - d. Other aquatic animals

8. Air ----- with the increase in altitude.
- Gets thinner
  - Gets thicker
  - Remains the same in thickness
  - No change in composition is observed.
9. We cannot bend our elbow as we can bend and move our shoulder. It is because elbow joint is:
- Hinge joint
  - Pivot joint
  - Ball and socket joint
  - Gliding joint
10. 25m=
- 2500cm
  - 250mm
  - 2.5km
  - 25000cm

**B. Fill in the blanks**

- Metre is the SI unit of -----.
- 8000mm= ----- m
- A ----- is path along which current flows.
- A ----- is used to find direction by sailors.
- gas is produced during photosynthesis by plants.

**C. Write answer in one word**

- A device used to make or break a circuit.
- Materials which get attracted by magnet.
- Constituent of air which supports burning.
- A place where two or more bones meet each other.
- Body shape in fishes which help it to move through water.

**D. Correct the following statements by changing the underlined words.**

- Plastic is a conductor.
- Carbon dioxide gas is used in respiration.
- Motion of string of sitar is rotational.
- Animals of desert regions have thick fur.
- Aluminium foil is transparent.

**E. Match the following**

**A**

Metal cap  
Heating  
Smoke  
Filament  
Rotation of Earth

**B**

pollutant  
bulb  
destroys magnetism  
positive terminal of a cell  
periodic

**F. Short answer questions**

- Why pace/footstep cannot be used as a standard unit of length?
- Write any two adaptations found in aquatic animals .

3. Why are the handles of screw drivers used by electricians made of plastic?
4. Why do earthworms come out of soil after heavy rainfall.?
5. Write any two properties of light.
6. What is ball and socket joint? Write examples.

**G. Short answer questions**

1. Write about any three adaptations found in aquatic plants.
2. Write three differences between shadow and image.
3. Why the trees near the track appears to move whereas co passengers appear to be stationary in a moving train?
4. When animals and human beings -----, they give out carbon dioxide and take in oxygen. The carbon dioxide released by them is taken by plants during the process of ----- .By this process plants release -----into the atmosphere.
5. State ways of storing magnets safely.
6. Write the functions of skeletal system.

**H. Long answer questions**

1. Describe the steps to magnetise an iron strip.
2. Draw a neat, well labelled diagram of a torch showing its different parts. Name any two devices other than torch, where electric cells are used.
3. Define adaptation. Write the difference between biotic and abiotic factors along with examples.