

QII. Match the following.**(2 marks)**

Column A	Column B
1. bats	a. soluble in water
2. Potassium permanganate	b. stomach ache, diarrhea, fever and vomiting
3. Food poisoning	c. direct contact
4. chicken pox	d. echolocation
5. electric eel	e. heavier than water
6. aluminium	f. diphtheria, tetanus and pertussis
7. DPT	g. spoils due to the growth of bacteria
8. milk	h. produces electricity
1 . ____ 2 . ____ 3 . ____ 4 . ____ 5. ____ 6. ____ 7. ____ 8 . ____	

QIII. Rewrite the correct version of the statements in the space given below. (2 marks)

a. Vaccine for small pox was invented by **Louis Pasteur**.

b. A polar bear can smell a seal (its food) on the ice, **5** kilometres away.

c. A chemical like **iodine** kills all food-spoiling bacteria.

d. The material that floats on water is **heavier** than water.

SECTION B

QIV. For question numbers 1 and 2, two statements are given - one labelled Assertion (A) and the other labelled Reason (R). Select the correct answer to these questions from the codes a), b), c) and d) as given below. (1 mark)

- a) Both A and R are true and R is the correct explanation for A
- b) Both A and R are true but R is not the correct explanation for A.
- c) A is true but R is false.
- d) A is false but R is true.

1) Assertion: Dogs are used by the police to detect criminals.

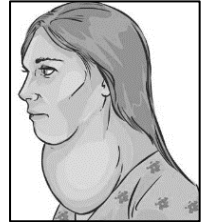
Reason: Dogs have powerful sense of smell.

2) Assertion: Fish uses oxygen dissolved in water for breathing.

Reason: The water in lakes, rivers, ponds and seas has a lot of oxygen dissolved in it.

QV. Observe the pictures given below and answer the questions that follow. (1 mark)

a. Identify the deficiency disease suffered by Ms Sheela. It is caused due to the deficiency of iodine in the diet. _____



b. These devices, made up of transparent glasses, are used in a Science labs to measure the desired volume of a liquid. _____

SECTION C

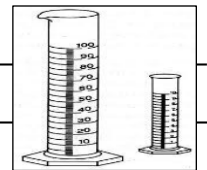
QVI. Give appropriate reasons for the below given statements. (4 marks)

a. Vegetables like spinach and ginger are dried in the sun.

b. Big animals like elephants sleep for short periods of time.

c. Vaccines are helpful in creating immunity against a particular disease.

d. Water and kerosene are called immiscible liquids.



QVII. Answer the following questions. (6 marks)

1. What is Echolocation? Give examples of animals that use echolocation.

2. Distinguish between the following. (any two 2 points under each)

Pasteurisation	Canning
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3. List the basic conditions for staying in good health.

