 **SINDHI HIGH SCHOOL, HEBBAL**

**I-Periodic Test [2022-23]**

**Subject: Science**

**Class: VI Max. Marks: 30**

**Date: 01.08.2022 Reading time: 8:00 am to 8:10 am**

**No. of sides: 3 Writing Time: 8:10 am to 9:10 am**

**General Instructions:**

* (i) The question paper comprises four sections A, B, C and D. There are 15 questions in the question paper. **All questions are compulsory.**
* (ii) Section–A - question no. 1 to 8 - all questions and parts thereof are of one mark each. These questions contain multiple choice questions (MCQs), very short answer questions, assertion - reason type questions and Case study.
* (iii) Section–B - question no. 9 to 11 are short answer type questions, carrying 2 marks each.
* (iv) Section–C - question no. 12 to 14 are short answer type questions, carrying 3 marks each.
* (v) Section–D – question no.15 is long answer type question carrying 4 marks.
* (vi) Wherever necessary, neat and properly labeled diagrams should be drawn.

**SECTION-A**

1) The composition of carbon di oxide gas in the atmosphere is:  
 (a) 78% (b) 0.03% (c) 0.3% (d) 21%

2) Curdling of milk is an example of:

a) physical and reversible change b) chemical and reversible change

c) chemical and irreversible change d) physical and irreversible change

3) which of the following help of fish to move or swim in water easily

a) fins b) streamlined body c) tail d) all the above

4) Why does a lump of cotton wool shrink in water?

5) What is cartilage? Where do we find it?

**For question numbers 6 and 7, 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. **Both A and R are true, and R is correct explanation of the assertion.**
2. **Both A and R are true, but R is not the correct explanation of the assertion.**
3. **A is true, but R is false. d) A is false, but R is true.**

6)Assertion: Rib cage protects our important internal organs like heart and lungs.

Reason: Rib cage consists of 12 pairs of ribs.

7) Assertion: All physical changes are reversible changes.

Reason:In a physical change, the substance remains same but shape and size of the substance

changes.

8) **CASE STUDY**

We are able to bend or rotate our body in places where two parts of our bodies seem to be joined together like elbow, shoulder or neck. These places are called joints. Bones are joined together at these joints. Bones cannot be bent. So, it is not one long bone from the upper arm to our wrist but two pairs of different bones joined together at the elbow. Similarly, there are many joints present in each part of the body. There are different types of joints in our body to help us carry out different movements and activities.

i) which joint allows movement in all directions?

a) Ball and socket b) Pivotal joint

c) Hinge joint d) both (a) and (c)

ii) The elbow has a \_\_\_\_\_\_\_\_\_\_ that allows only back and forth movement:

a) Pivotal joint b) Hinge joint

c) Ball and socket d) None of the above

iii) The joint which allows us to bend our head forward and backward and turn the head to our

right or left is a:

a) Hinge joint b) Ball and socket

c) Pivotal joint d) All the above

iv) Gliding joint is present at:

A) ankles B) wrist C) between vertebrae D) fingers and toes

(a) A & B (b) A, B & C (c) only A (d) only C

**SECTION-B**

9) Illustrate the presence of air in soil.

10) You must have observed during rainy season when it rains heavily the animals like

earthworms, snakes, snails etc, come out of the soil; why?

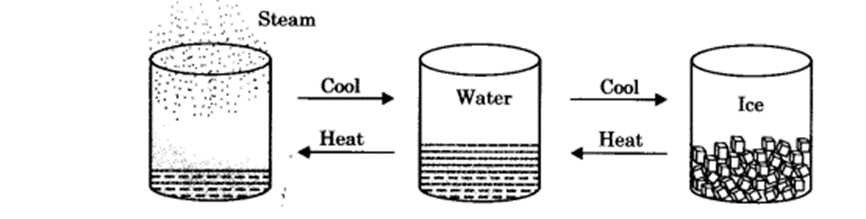
11) Explain how, a metal rim is fixed around the wooden wheel of a cart.

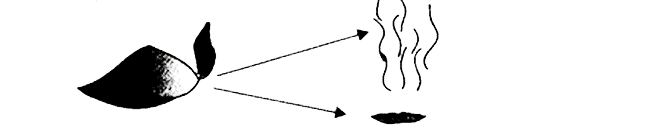
**SECTION-C**

12) “When a candle is lighted, both physical and chemical changes take place.” Explain.

13) Observe the changes in the following pictures and classify them as physical and chemical

changes. Justify your answer in both the cases.





14) Compare the locomotion in snakes, birds and cockroach on the basis of their method of

locomotion and locomotory organs.

**SECTION-D**

15) a) Describe an activity to show that air is necessary for combustion with a neat diagram.

b) Explain the importance of oxygen and carbon di oxide for the living organisms.