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**SINDHI HIGH SCHOOL, HEBBAL**

**PERIODIC TEST - I (2023-24)**

**SUBJECT – Science**

**Marks: 30**

**Class: VI Timings: 1 Hour 10 mins**

**Date: 04/07/2023 Reading Time: 8:05 to 8:15 am Number of printed sides: 2 Writing Time: 8:15 to 9:15 am**

**General Instructions:**

The question paper consists of 14 questions in 5 sections.

All questions are compulsory.

**Section A** consists of 6 objective type questions carrying 1 mark each.

**Section B** consists of 3 Very Short questions carrying 2 marks each.

**Section C** consists of 3 Short Answer questions carrying 3 marks each.

**Section D** consists of 1 Long Answer question carrying 5 marks.

**Section E** consists of one Case Study Based question carrying 4 marks with sub parts

**SECTION A**

1. Which of the following is an ancient method of measurement? **[1]**

(a) Ruler (b) Measuring rod

(c) Measuring tape (d) Cubit

2. Anything that has mass and occupies space is called- **[1]**

(a) Classification (b) Matter

(c) Volume (d) air

3. Which one will show a shining surface? **[1]**

(a) Any surface of a metal (b) Freshly cut surface of a metal

(c) Freshly cut surface of non-metal (d) Surface of all materials

**For question numbers 4, 5 and 6 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.**
4. **A is false, but R is true.**

4**. Assertion:** To measure any physical quantity **international system of units are used.**

**Reason: Fathom is used to measure length of a table.**  **[1]**

5. **Assertion:** Cooking utensils are made of metals.

**Reason:** Metals have rough surface. **[1]**

6. **Assertion:** Green plants prepare their food by photosynthesis.

**Reason:** Green coloured pigment helps in photosynthesis. **[1]**

**SECTION B**

7. Observe the given picture and answer the following questions: **[2]**

(a) Which process is demonstrated in the activity?

(b) What will you observe in the polythene bag after few hours?

(c) It is observed that the rate of this process is higher on a bright

sunny day when compared to a Cloudy day. Why ?

8. Group the given substances and mention the property based on which the grouping is done.  **[2]**

Stone, chalk, sponge, Cotton

9. Classify the given plants into herbs, shrubs and trees and mention one characteristic feature

of any one group. **[2]**

|  |
| --- |
| Coriander, Rose plant, Coconut, Spinach, Lemon, Jack fruit, Neem, Mint, Hibiscus |

**SECTION C**

10. (a) Ramesh has a rope which is 2 metres long. Express this length in centimetres. **[3]**

(b) Write any 2 precautions to be taken while measuring the length of a pencil using a scale.

11. What do you mean by classification and why it is needed ? **[3]**

12. With the help of labelled diagrams write the difference between two types of roots by

giving one example for each. **[3]**

**SECTION D**

13. (a) Identify the type of motion shown in the picture and define the same. **[3+2]**

Write two more examples for the same motion.

(b) Write the type of motions seen in the following Situations.

(i) Motion of a top. (ii) Apple falling from a tree

(iii) String of veena (iv) Blade of an electric fan.

**SECTION E**

**Read the passage and answer the following questions from 15(i) to 15(iii)**

14. Most of the plants have leaves which are green and flat, which have varied shapes, size and

Colour, they are also called ‘kitchen of the plant’.

(i) Write an equation to show preparation of food in leaves. **[1]**

(ii) What is venation?  **[1]**

(iii) Name the structure involved in exchange of gases and draw a simple sketch of it. **[2]**

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