**SINDHI HIGH SCHOOL, HEBBAL**

**I - Periodic Test [2023-24]**

**Subject: Science**

**Answer key**

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

**Date: 04.06.2023 Reading time: 8:05 am to 8:15 am**

**No. of sides: 2 Writing Time: 8:15 am to 9:15 am**

**SECTION A**

1. (d) both (a) and (b) **[1]**
2. (c) Both similarities and differences in their properties **[1]**

3. (b) Freshly cut surface of a metal  **[1]**

4. (c) A is true, but R is false. **[1]**

5. (c) A is true, but R is false. **[1]**

6. (a) Both A and R are true, and R is correct explanation of the R **[1]**

**SECTION B**

7. (a) Transpiration **[1]**

(b) Water droplets **[½]**

(c) Sunny day **[½]**

8. (a) Hardness.

(b) Soft- materials which can be compressed or scratched easily

Hard- materials which are difficult to compress

9. Herbs - Coriander, Spinach, Mint – Stem is green and soft

Shrubs- Rose plant, Rose plant, Hibiscus- Stem is hard and woody but thin.

Trees- , Coconut, Jack fruit, Neem - Stem is hard and woody but thick. ( any other

character) **( Classification ½ + Characteristics 1 ½ )**

**SECTION C**

10. (a) (i) Rectilinear motion- handle bar or seat

(ii) Circular motion –pedal

(iii) both rectilinear as well as circular motion - Wheel

(b) 1 metres = 100 centimetres

2 metres = 2 x 100

200 centimetres.  **(1 ½ + 1 ½ )**

11. Classification is the grouping or sorting together of things possessing similar or dissimilar

characteristics or properties.  **(1)**

\*Identification of objects

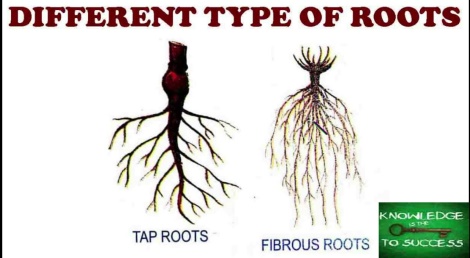
\* sorting of objects

\*locating things

\*understanding similarities and dissimilarities among objects  **(any two)**

\*making the study of objects easy and more meaningful. **(2 x ½ )**

12.



Tap root- has prominent primary root which gives rise to secondary roots. [1+1+1]

e.g.,- rose, coriander, mint (any one )

Fibrous root – Tuft of roots arise from the base of the stem.

e.g.,- grass, sugarcane, coconut ( any one )  **(3)**

**SECTION D**

13. (a) Oscillatory motion

When an object moves to-and-fro about its mean position is called oscillatory motion.

Write any 3 precautions to be taken while measuring the length of a pencil using a

scale.

Examples: pendulum of a clock, piston of a car, to-and-fro motion of a stone tied to

thread.  **(1+1+1=3)**

(b) placement of scale, Damaged/worn-out ends, position of eye.  **(Any two) (2)**

**SECTION E**

14. (i) we can predict the type of root with out digging just by looking at its venation.

Reticulate venation – tap root system, parallel venation – fibrous root system.  **(2)**

(ii) Arrangement of veins in the leaf is called venation **(1)**

(iii) Grass, Sugarcane, bamboo, coconut, palm tree (any two) **(1)**