** SINDHI HIGH SCHOOL, HEBBAL**

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

**SUBJECT – Science**

**Class:V Marks: 30**

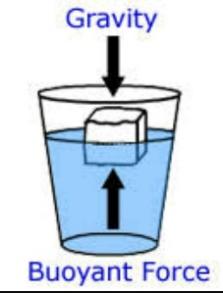
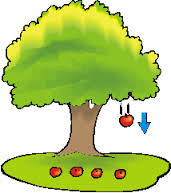
**Date: 5/02/2024 Reading Time: 8:20 to 8:30 am Number of printed sides: 2 Writing Time: 8:30 to 09:30 am**

**GENERAL INSTRUCTIONS:**

* Write your Name, Roll number, Section in the answer script.
* Read all the Questions carefully.
* Answer all the Questions and write neatly.

1. **Choose and write the correct option: 1×3=3M**
2. The energy generated and stored inside the earth
3. Geothermal b) light c) sound d) electric
4. An inclined plane wrapped around a cylinder.
5. pulley b) screw c) lever d) wheel and axle.
6. Building bunds helps in
7. Soil conservation c) increasing the fertility of the soil
8. soil erosion d) silting
9. **Name the following. 1×2=2M**
10. Growing of different types of crops to maintain soil fertility-
11. Energy that a moving object possess \_\_\_\_\_\_\_\_\_\_

1. **Give two examples of each 1× 2=2M**
2. Wheel and axle \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_
3. Wedge \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_
4. What is silting? **1M**
5. Give reason: Energy can neither be created nor destroyed. **1M**
6. List any 4 effects of force. **2M**
7. Identify the type of force and explain.

(a) (b)  **3M**

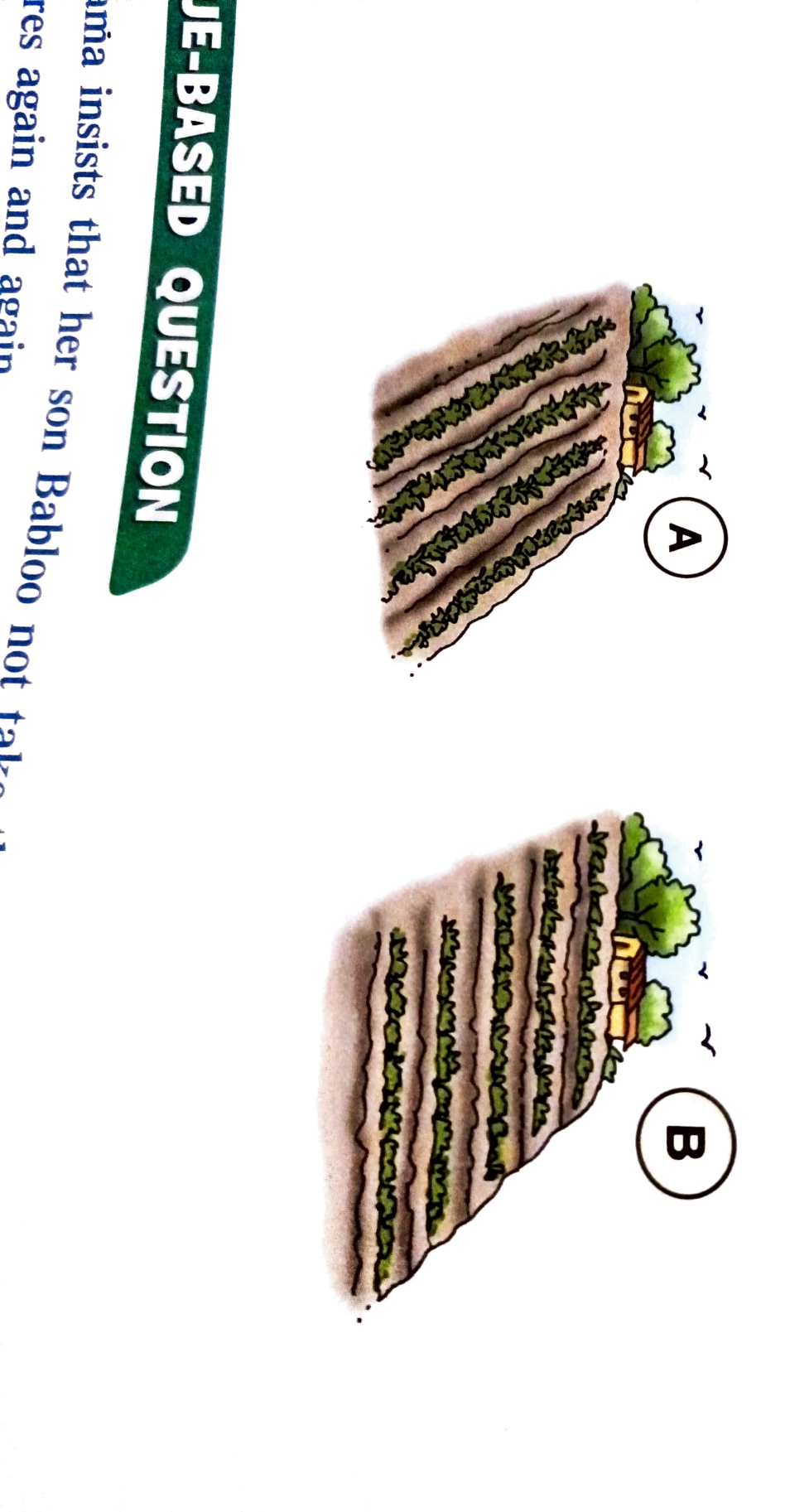
**8**. Define weathering? What are the factors that affect weathering? **3M**

**9**. Identify the different class of lever shown below and give an example for each.

|  |  |  |
| --- | --- | --- |
| a)  Class 1-2-3 levers | jesssb11 | b)  Eccentric Thoughts - Anything and Everything: Simple Machines: Levers | c) |

**3M**

1. Observe the given pictures A and B of growing crops on a slope and answer the following questions.
2. Which is a better method A or B.
3. Name the method of growing crop on a slope.
4. How does this method prevent soil erosion ? **(½+½+1M)**



**11.** a) What is frictional force?  **1M**

b) Give 2 advantages and 2disadvantages of frictional force. **2M**

**12**. Draw and explain the three layers of soil . **2M+3M**