



English Private School of Kalba

SAMPLE PAPER TERM-2

SUBJECT: Science

CLASS: Yr. 7/Gr 6

Question 1: Choose the right answer:

- a. _____ is a group of organisms that produce fertile offspring.
[Species / Litmus / Shiny]
- b. _____ is a chemical reaction that takes place in all living cells, releasing energy from food. [Nutrition / Respiration / Excretion]
- c. _____ is a property of metals that states that the material makes a ringing sound when they are hit or tapped. [Shiny / Conductor / Sonorous]
- d. _____ is a substance that tells us if a substance is an acid or an alkali.
[Indicator / Copper / ethanol]
- e. _____ is the layer of Earth that consists of solid rock.
[Crust / Inner core / Outer core]

Question 2: Fill in the blanks using words from the word box:

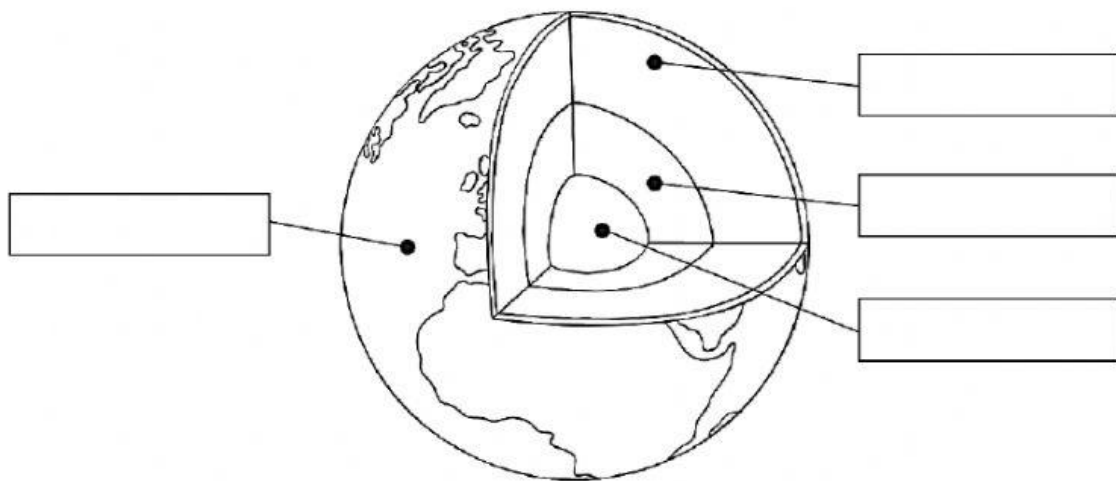
dichotomous key Earthquake Lunar Replicate Flammable

- a. A key used to identify an organism is called a _____.
- b. _____ means that a substance can catch fire easily.
- c. A _____ eclipse occurs when the earth casts its shadow on the moon.
- d. The name given to the violent movement between two tectonic plates is _____.
- e. Viruses can only _____ when they are inside a living cell.

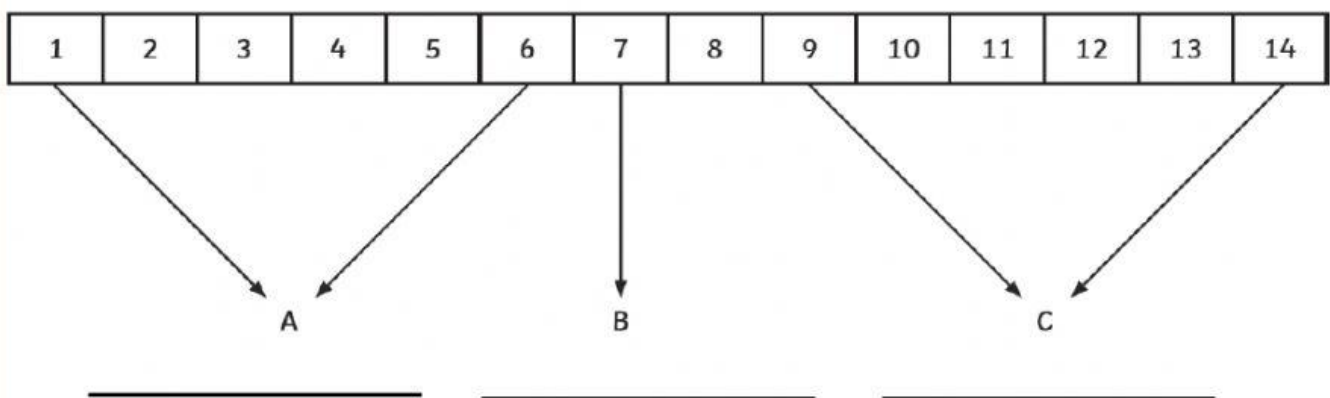
Question 3: List differences between Metals and Non-metals:

Metals	Non-metals
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.

Question 4: Label the layers of the Earth:



Label the pH scale below:



Question 5: Define the following:

1. Movement: _____
2. Sensitivity: _____
3. Growth: _____
4. Reproduction: _____
5. Respiration: _____
6. Nutrition: _____
7. Excretion: _____
8. Acids: _____
9. Alkalis: _____
10. Species: _____
11. Solar Eclipse: _____
12. Lunar eclipse: _____

Question 6:

Filtration is the process of separating an insoluble solid from a liquid. Which **two pieces of apparatus** work together in filtration to allow the liquid to pass through them, but not the solid?

- ☐ beakers and filter paper.
- ☐ filter paper and filter funnel.
- ☐ beakers and filter funnel.

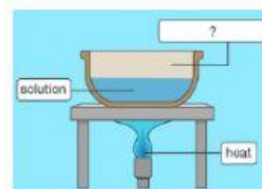


Question 7:

Evaporation is the process of separating a soluble solid from a solution.

Which piece of apparatus contains the solution to be evaporated?

- ☐ Bunsen burner
- ☐ Tripod
- ☐ Evaporating basin



Question 8: Use the key to identify the different types of leaf:



A



B



C



D



E

Key:

- | | | | |
|---|---|---|---------------|
| 1 | a | leaf is made up of many small leaflets | rowan |
| | b | leaf is not made up of many small leaflets | go to 2 |
| 2 | a | leaf is oval | go to 3 |
| | b | leaf is not oval and has five lobes | maple |
| 3 | a | leaf is at least twice as long as it is wide | go to 4 |
| | b | leaf is less than twice as long as it is wide | hazel |
| 4 | a | leaf has shiny surface | willow |
| | b | leaf has dull surface | cherry |

Identify each leaf. Write down the statements in order that led you to each answer:

Leaf A: _____

Leaf B: _____

Leaf C: _____

Leaf D: _____

Leaf E: _____