

**POTENT ACADEMY REVISION SERIES**

**INTEGRATED SCIENCE**

**GRADE 9 | MODEL 04**

**Name** \_\_\_\_\_ **Date** \_\_\_\_\_

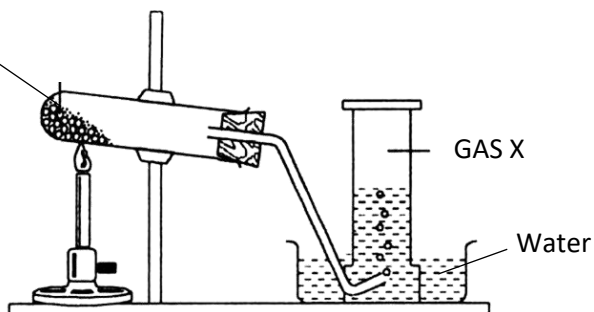
---

*Instructions: Answer ALL the questions in the spaces provided.*

1. Moseti observed a plant cell under the light microscope. Write 2 of the components he saw.
  
2. State 2 practices that can promote healthy skin.
  
3. In the space provided below, draw the electron arrangement of a Sodium atom.
  
4. During a lesson on the human reproductive system, Grade 7 learners named the parts and stated their functions. Write what they stated under:
  - a. Fallopian tube
  
  - b. Testis
  
5. The following are some parts of the urinary system. State one function of each.
  - a. Ureter
  
  - b. Bladder
  
6. Jane listed the factors that affect Osmosis in her book. Write 2 of them.

7. The experiment set up below was done by Grade 9 learners to prepare a certain gas

Potassium Chloride  
+ Element Y

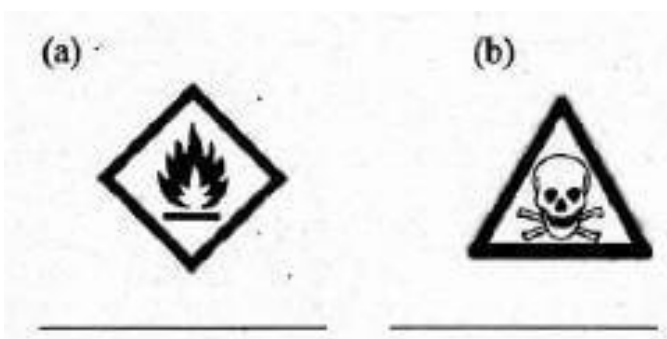


Identify

- a. Element Y \_\_\_\_\_
- b. Gas X \_\_\_\_\_
- c. The method of gas collection in this set up \_\_\_\_\_

8. An animal cell viewed under a light microscope is 10 cm long. The actual length of the cell is 12 micrometres. Calculate the magnification.

9. Identify the common laboratory hazards in tune with each of the following symbols.



10. Give one example of;

- a. Basic units
- b. Derived units