

**POTENT ACADEMY REVISION SERIES**

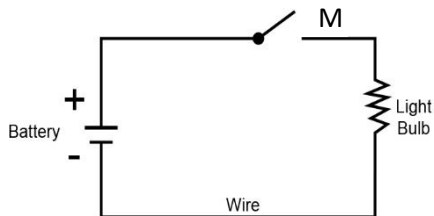
**INTEGRATED SCIENCE**

**GRADE 9 | MODEL 05**

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

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

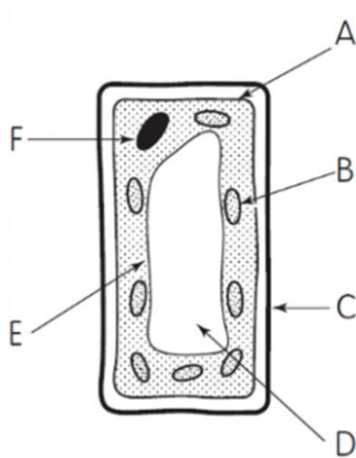
1. Below is a simple circuit arranged by a Grade 9 boy.



State 2 materials he could use at point M to complete the circuit.

2. Describe 2 safety measures when handling electrical appliances.
3. Grade 8 learners were discussing the roles of diffusion in living things. Write down 2 of the points they most likely talked about.
4. Musa wants to prepare oxygen in their school laboratory. State 2 ingredients he may need for the task.
5. Discuss 2 real life applications of pressure in solids.

6. Below is a drawing of a plant cell as seen under the light microscope. Identify the labelled parts A to F.



7. State 2 ways of taking care of laboratory apparatus.
8. Explain the energy transformation in a torch that uses dry cells.
9. Salome would like to prepare an acid - base indicator from plant extracts. Suggest 2 suitable plants for this task.
10. During a practical lesson, learners gave examples of acids and bases. Give an example of each.
- a. Acids
  - b. Bases