

**NAME:**

**CLASS:**

**DATE:**

## REVISION 1: SCIENTIFIC SKILLS

1. A group of students make an investigation to identify the ability of light to pass through an object. They use three different types of objects and record the ability of light to pass through the objects. The diagram below shows the result of an investigation.



### Object A

## Object B

## Object C

**Diagram 1: Ability of light to pass through the three objects**

(a) Based on the investigation above, state:

**(i) Constant variables :**

(ii) **Manipulated variables** : \_\_\_\_\_

**(iii) Responding variables** : \_\_\_\_\_

**(b) What is the aim of this investigation?**

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Predict the types of object use in this investigation and give one example.

(i) Object A : \_\_\_\_\_

**Example :** Ques. 1.7

(1) Subject 1 \_\_\_\_\_

Example 4.6

(d) Object C does not allow the light to pass through it. Give one inference.

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(e) Write a conclusion based on this investigation.