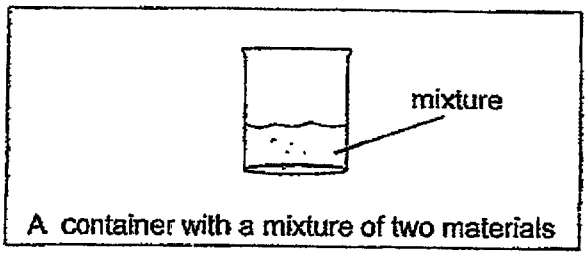
Henry Park Primary School
Primary 5 Science
Weighted Assessment 1

Marks: _____ / 15

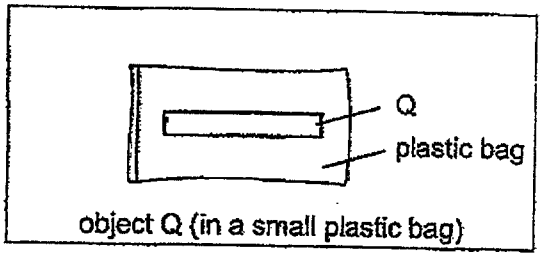
Name: _____ ( ) Class: 5 _____ Duration: 45 minutes

Question 1 (Performance Task 1)

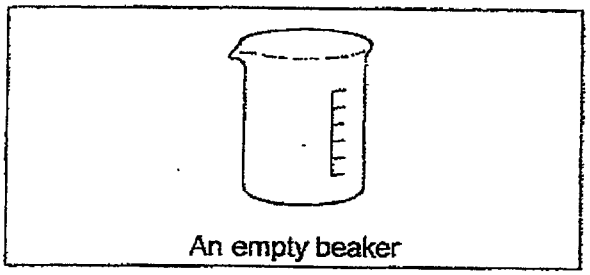
You are given the following items.



A container with a mixture of two materials



object Q (in a small plastic bag)



An empty beaker

a) Observe the mixture carefully.

b) Use object Q to separate the materials in the mixture. **Do not remove** object Q from the plastic bag.

c) After you have separated one of the materials from the mixture using object Q, place the material and object Q in the empty beaker.
Attempt the rest of the questions given.
Your teacher will check the materials in both breakers after you have separated them.

d) Describe how you separated the two materials from the mixture using object Q. [2]

_____

_____

e) Explain why object Q is able to remove only one material from the mixture. [2]

_____

_____

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Question 2 (Performance Task 2)

a) Why do plants reproduce? [1]

_____

b) How do flowering plants reproduce? [1]

Flowering plants reproduce by _____ .

You will be given fruits of plant T. **Do not** remove the fruits from the plastic bag.
Observe the fruits of plant T.

c) How do you think the fruits of plant T are dispersed? [1]

Circle the correct answer. (*by water* / *by animals* / *by splitting* / *by wind*)

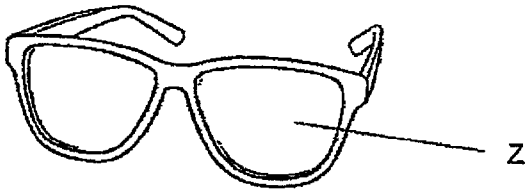
d) Based on your observation, explain your answer in part (c). [2]

_____

_____

Question 3

Ahmad bought a new pair of spectacles for reading.
The diagram shows part Z of the spectacles.



Ahmad has material W shown in the diagram below.



Material W

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Question 3 continued

He wants to know if material W is suitable to make part Z of the spectacles.

a) Besides strength, state **two** other properties that Ahmad needs to test in order to confirm if material W is suitable to make part Z. [2]

(i) _____ (ii) _____

b) Explain your answer for part (a)(i). [2]

_____

_____

_____

c) State the property you have mentioned in part (a)(ii).

_____

Describe how Ahmad could test material W for this property. [2]

Or you may draw and label how the set-up looks like for testing the material.

_____

_____

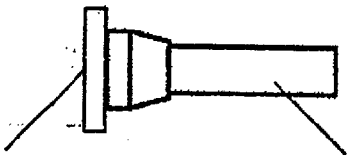
_____

~ End of Weighted Assessment 1 ~

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Weighted Assessment 1
SUGGESTED ANSWERS

Name: _____ ( ) Class: 5 ____

Qn No	Suggester Answer
1d	I put object Q into the mixture. One of the materials was attached to object Q. I took object Q out of the container. Only one material was removed from the mixture together with object Q.
1e	Object Q is a magnet and was able to attract the material. The material is magnetic while the other material is not magnetic.
2a	Plants reproduce to ensure the continuity of their kind / species.
2b	Seeds
2c	By wind
2d	It has a parachute-like part that helps it to be carried by the wind for a longer period of time.
3a	(i) Waterproof (ii) transparency
3b	Part Z should not absorb water because the user may not be able to see clearly if part Z absorbs water.
3c	 material W torch **OR** Turn on the torchlight and shine the light directly through material W. Observe how much light passes through the material.

END

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