

THE SCIENTIST

Answer the following questions.

1. QUESTION

Bertie Marshall spent many years pursuing his goal of “harmonic tuning” of the steelpan.

___ played an important role helping him achieve his goal.

- Evidence
- Communication
- Invention
- Observation

2. QUESTION

Write true or false next to each statement below.

Imagination is an important part of being a good scientist.

A scientist uses their knowledge to help us better understand the world around us.

If a good scientist does not succeed the first time, he or she will give up.

A scientist’s opinions are more important than the evidence he or she finds.

Sharing information is important in the world of science.

Name: _____ Date: _____

3. QUESTION

Which are examples of finding a solution in an unusual place?

- Bertie Marshall invented the Double-Tenor Pan making it easier to tune the steelpan.
- Dolly Nicholas was researching the properties of Trinidad asphalt and invented a range of coatings, paints and adhesives, in a sparse laboratory.
- John Logie Baird, inventor of the television, developed a prototype for television while suffering from thyroid problems in the 1920's in Trinidad with limited funds.
- Sally Ride helped design a robot arm for the space shuttle.
- Galileo tried to measure the speed of light, but found he didn't have the tools to do so.
- Alexander Fleming discovered penicillin by accident when mould grew in a dish in his lab.

4. QUESTION

One of the reasons Dolly Nicholas invented a range of coatings, paints and adhesives is that

- Ms. Nicolas was working at Lake Asphalt of Trinidad and Tobago (1978) Ltd, where she was researching the properties of Trinidad asphalt.
- Ms Nicholas was awarded patents for processes to convert soft drink 'plastic' bottles into usable products such as epoxy coatings.
- Ms. Nicolas received a special award of merit in the field of chemistry from the Prime Minister.

5. QUESTION

Dolly Nicholas paid close attention to the properties of Trinidad asphalt. Which quality is this?

- evidence
- observe
- creativity
- communication

Name: _____ Date: _____

6. QUESTION

Professor Courtenay Batholomew diagnosed the first case of AIDS in the Caribbean. This was made possible by ____.

- observe
- evidence
- creativity
- communication

- persistence

7. QUESTION

Match the following scientific words and their definition.

WORD ELEMENTS

- studies animal behaviour
- studies earthquakes
- studies soil and crops
- studies insects
- a zoologist who studies reptiles and amphibians

ethologist	
seismologist	
agronomist	
entomologist	
herpetologist	