

**Passage 3****Hippo-Roller**

Many women and children in Africa spend between three and nine hours a day carrying water to their homes. They use 20-litre plastic buckets, which they carry on their heads. The buckets are very heavy and often cause back and neck injuries. So engineers Pettie Petzer and Johan Jonker designed a 'rolling wheel' which can carry ninety liters of water and is much easier to move. 33,000 'Hippo-Rollers' have been made and delivered to remote villages in Africa. The results are good: women have more time to look after their families, the children have more time at school, and there are fewer injuries.

**Life Straw**

There are 780 million people in the world who don't have clean safe drinking water. This fact led the Swiss company Vestergaard to invent a special kind of straw that allows people to drink dirty water without getting ill. The Life Straw is a long thin tube that cleans the water as it passes through into somebody's mouth. Life Straw is very light and can clean up to 1,000 liters of water before you need to replace it. Life Straw was used to help people after the Haiti earthquake, and floods in Pakistan and Thailand.

**AidPod**

When Simon Berry was travelling in Zambia, he noticed that he could buy Coca-Cola in the remotest villages. But in these same villages the people had no medicines and, because of that, one in five children were dying before their fifth birthday. He had an idea. 'Why don't they bring medicines when they deliver the Coca-Cola?' So he invented the AidPod, a triangular packet of medicines that fits between the bottles in a crate of Coca-Cola. Berry has experimented with a number of designs for his AidPod and is testing his ideas in Zambia. If his plan works, he hopes to do the same thing in other African countries and save thousands of lives.

Adapted from <https://m.hoc247.net>

1. According to paragraph 1, what problem do many women and children face?
  - Many health problems
  - Lack of health care
  - Lack of schooling
  - Carry heavy water buckets
2. What have "Hippo-Rollers" been made for?
  - To help women and children avoid accidents
  - To treat neck injuries

C. To transport water to remote places in Africa  
D. To help children to study at school

3. What word has the closest meaning to “invent” in the second paragraph?

A. Think of  
B. Search for  
C. Seek for  
D. Create

4. According to paragraph 3, which is **TRUE** about AidPod?

A. It is popularly used in the remotest villages.  
B. It has a circular shape.  
C. It helps transport medicine more easily.  
D. It works effectively in all African countries.

5. What is the main idea of the article?

A. The inventions can improve the lives of people in Africa  
B. How inventions can help people do business in Africa  
C. How women and children suffer poverty and health problems  
D. Coca-cola is popular in Zambia