

As population increases and industry grows, so does the demand for fresh water. The problem is that the supply of fresh water is limited and much of what is available becomes contaminated by pesticides or other pollutants; as the land becomes more crowded. Recycling 'used' water is one solution to the problem.

But many water treatment methods are either too costly or unsatisfactory. In an effort to make better use of this essential resource and allow poor countries to reuse their unclean water, some American companies are developing new water recycling methods which produce absolutely pure water at economical rates.

One such method was developed by scientists at the Florida Institute of Technology by treating impure water and even sewage* with radio-active cobalt. Gamma rays kill harmful bacteria and viruses in the water while avoiding any radioactive contamination. The water is then filtered and 'scrubbed' clean of all particles. "The result", says Dr David Woodbridge, physicist and co-inventor of the method, "is clear, pure and potable water".

***sewage**: waste water and human waste flowing from houses and other buildings to the sea

I. COMPREHENSION

BASE YOUR ANSWERS ON THE TEXT

A. Are these sentences true or false? Justify. (3pts)

- Population growth is one of the causes of water pollution.
.....
- Dr David Woodbridge developed the water recycling method by himself.
.....
- Impure water can be recycled to become fit for drinking.
.....

B. Complete the sentences: (3pts)

- More fresh water is needed.....
- Because the recycling methods developed by American companies are economical, poor countries.....
- Because impure water is treated with gamma rays,

C. Find in the text words or expressions which mean the same as: (2pts)

- expensive:
- permit:

II. LANGUAGE

A- Choose an adjective from the box to complete the sentences. (4pts)

amused/amusing	disappointed/disappointing	surprised/surprising
confused/confusing	interested/interesting	embarrassed/embarrassing

- I was when I saw my friend yesterday because she completely changed her look.
- We were with the exam results. They were terrible.
- It's sometimes when you feel obliged to ask people for money.
- Are you in football?

B- Fill in the blanks with the words in the list. (6pts)

torrential – anticipating – surroundings – revolving – owl – litter – accurately – constantly – thrill

- Greenpeace is trying to make people do more to help the environment.
- Using a door in hotels always makes me a bit nervous.
- Participating in car racing gives him a real.....
- Fascinated, the children watched the..... rain falling.
- My best friend is a night..... and never goes to bed early.
- People should make great efforts to keep their..... clean.

C- Use the words in capitals at the end of each sentence to make words which fit in the spaces. (3pts)

- Big Ben is probably the best known..... in London. LAND
- My..... of geography is much better now than it was when I was at secondary school. KNOW

