

Title :

.....¹are molecules made by ².....that kill bacteria. The first and most famous antibiotic, ³....., is produced by a mold that looks a lot like the green stuff you see on old bread in your kitchen. Many other antibiotics are produced by⁴that live in the⁵

The structures and ⁶that antibiotics target are unique to bacterial cells, so they have little effect on human cells.

Antibiotics worked so well after they were first discovered that people thought they'd won the war against bacteria. ⁷.....for research on new antibiotics decreased because people thought they had enough ⁸in their arsenal. But while people were celebrating their victory, the microbes continued to⁹..... Today, humans are faced with a new microbial problem: ¹⁰.....These bacteria can't be killed by some, or even all, of the existing antibiotics.

The conundrum modern doctors now face is that using antibiotics increases the chances that antibiotic-resistant ¹¹of bacteria will develop. It's purely natural selection

In other words, when antibiotics are used, the most susceptible bacteria die first, leaving the more ¹².....bacteria to survive. The resistant bacteria multiply, creating new ¹³that are more resistant to the antibiotic than the last horde.

Repeat this cycle a few times, and the antibiotic no longer works at all. Every year, nearly 100,000 Americans die from hospital-acquired ¹⁴.....(called *nosocomial infections*) related to antibiotic-resistant bacteria. And that's just part of the problem. Infections that humans thought they had under control, including such ¹⁵.....as tuberculosis and bubonic plague, are rearing their ugly heads in developing countries around the world. Scientists and doctors are teaming up again to fight the threat of, ¹⁶..... bacteria. Scientists are searching for new antibiotics and new bacteria-fighting ¹⁷....., while doctors are being careful about how they ¹⁸.....antibiotics. By saving antibiotics for when they're really needed, doctors can slow down natural.

Questions :

- 1- Fill in the gaps with the correct word.

Words : nasty diseases, funding, **antibiotic-resistant bacteria.** ,soil., **resistant** penicillin , weapons, **infections**, antibioticresistant, enzymes , bacteria, **evolve, hordes strains** Antibiotics, **strategies, microbes**, prescribe.

- 2- Explain the words in bold.
- 3- Give a suitable title to the text.