

Unit 3 R

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UNIT 3: Medicine Exercise 1: Using knowledge to predict content

Read the first and last paragraph of the essay. Choose the correct essay title.

1 ☒ Discuss whether you think that antibiotic immunity is inevitable and impossible to prevent. ✓

☐ Identify some of the causes of antibiotic immunity and analyze the results of this problem.

☐ Evaluate the advantages and disadvantages of the use of antibiotics as a form of medicine.

☐ Outline some of the causes of antibiotic immunity and evaluate possible solutions to this problem.



will not have the means to cure diseases in the future. This is due to a growing immunity to antibiotics, developing across the globe. This essay will begin by analyzing some of the causes of antibiotic immunity. It will then go on to discuss the feasibility of solving this problem.

To sum up, there are a number of factors which contribute to the growth of antibiotic immunity. They tend to be characterized by either misuse of medicine or by poor levels of hygiene. For solutions to be effective, they need to be enforced by law and also implemented on a global scale. These measures will present practical challenges but they are nevertheless necessary in order to ensure the continued efficacy of antibiotics.

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UNIT 3: Medicine Exercise 2: Working out meaning from context

Read the text. Put the sentences in the correct order.

Prescribing antibiotics for common, non life-threatening diseases allows bacteria to mutate and develop immunity to antibiotics. ✓

The potential for bacteria to spread is increased by failing to finish a course of antibiotics.

Antibiotic immunity is increased by making the medicine available for sale in pharmacies.

Low levels of hygiene in both industrialized and developing countries cause bacteria to spread within a country's population. Global travel facilitates the international spread of bacteria.

Misuse of antibiotics can only be efficiently controlled by legal enforcement.

Global negotiation and collaboration is needed to slow the spread of bacteria but this is likely to be difficult.

But it is not only misuse that causes bacteria to spread. Its reproduction is also aided by bad sanitation and dirty water. In industrialized countries, this problem is often concentrated in hospitals with poor levels of hygiene. In contrast, bad sanitation is often more widespread in developing countries. The spread of bacteria cannot be confined to a particular country, however. With increased air travel, diseases move from country to country far more readily.

Actions which can be taken to fight the increase of antibiotic immunity vary in their effectiveness. Doctors can be advised against the over-prescription of antibiotics. However, while this is just advice, rather than law, it will be limited in its impact. The same applies to preventing medicine being sold without a prescription. This suggests that what is needed is a ban on over-prescription or sale without prescription of antibiotics.

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UNIT 3: Medicine Exercise 3: Reading for detail

Write the words in the table which relate to the categories Medicine, People, and Growth. Use the text to help you.

leading authorities evolve over the counter humanity
reproduction health professionals antibiotics drug spread
widespread developing prescription over-prescription man-made

Medicine	People	Growth
antibiotics	leading authorities	evolve
drug	humanity	spread
prescription	man-made	widespread
over-prescription	health professionals	developing
over the counter		reproduction

Outline some of the causes of antibiotic immunity and evaluate possible solutions to this problem.



According to leading authorities in the field of medicine, humanity will not have the means to cure diseases in the future. This is due to a growing immunity to antibiotics.

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UNIT 3: Medicine Exercise 4: Collocations

Complete the sentences. Use the correct word from the box. You do not need all the words.

- The actress's face looked different but she wouldn't admit to having had surgery to make her look younger.
- If diseases evolve so that they cannot be treated by medicines, there is likely to be a worldwide disease .
- Painkillers can be addictive; it's possible to develop drug if you take them for a long time.
- Malaria is a completely illness; a mosquito net and an injection can stop people catching it.
- Office workers often have lifestyles: they sit at their desks all day and don't do any exercise.

infection dependency
symptoms epidemic
sedentary cosmetic
alternative preventable
random

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3 Painkillers can be addictive; it's possible to develop drug dependency ✓ if you take them for a long time.

4 Malaria is a completely preventable ✓ illness; a mosquito net and an injection can stop people catching it.

5 Office workers often have sedentary ✓ lifestyles: they sit at their desks all day and don't do any exercise.

6 If the prescribed medicine from the doctor isn't working, it might be worth visiting an alternative ✓ health centre.

Your score is 6/6.

OK

Check Show answers Start again

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Complete the sentences. Use the words in the box.

1 Because it has been through a process of testing in a laboratory, synthetic ✓ medicine is often felt to be more effective than alternative medicine.

2 'Evening Primrose Oil' is a herbal remedy ✓ which is increasingly used to treat headaches.

3 Hospitals are subject to strict regulations ✓ which monitor aspects such as spending, patient satisfaction and levels of hygiene.

4 The ethics ✓ of genetic engineering are often the topic of heated debate amongst scientists, government and the general public.

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5 The **shortage** ✓ of vaccines led the government to prioritize the weakest in society –the elderly and the young–for treatment.

6 The drugs firm took out a **patent** ✓ on their new anti-ageing serum to prevent other companies copying the product.

7 The hospital was accused of **exploitation** ✓ because they required doctors and nurses to work very long hours on minimum pay.

8 The news told of two identical twins, one of whom wanted to **donate** ✓ her kidney to her sister in order to save her life.

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Choose the correct academic word to complete the sentences.

1 The surgical procedure was extremely **complex** ✓ and took several hours to carry out.

2 Doctors generally favour **conventional** ✓ forms of medicine.

3 The patient couldn't recall the **precise** ✓ date when her symptoms had started.

4 The conditions at the local hospital were not felt to be **adequate** ✓ so the authorities decided to close it.

5 Despite **adverse** ✓ weather conditions, the ambulance arrived on time.

6 Discussing a patient's medical history and needs with others is **illegal** ✓.

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UNIT 3: Medicine Exercise 7: Vocabulary

Read the sentences. Choose the correct responses.

- The ✓ for the symptoms of a cold is rest and plenty of water.
- I'm concerned about his ✓ wellbeing; he's not eating enough.
- Doctors couldn't give a ✓ explanation for his symptoms.
- Sonja had to take four days off work due to ✓ ; she had a sore throat and a temperature.
- The medical ✓ closes at 6 pm but there is a number you can call in an emergency.

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UNIT 3: Medicine Exercise 8: Medical vocabulary

Choose each pair of words that have similar meanings.

		Similar meanings	Not similar meanings
homeopathy / alternative medicine	✓	☒	☐
placebo / medicine	✓	☐	☒
natural substances / synthetic medicine	✓	☐	☒
proponent / critic	✓	☐	☒
founded / funded	✓	☐	☒
evidence / proof	✓	☒	☐
consultations / treatment	✓	☐	☒
contribution / donation	✓	☒	☐
unethical / illegal	✓	☐	☒
medical costs/financial assistance	✓	☐	☒



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Exercise 8: Medical vocabulary Show Dashboard Exercise 10: Joining sentences

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UNIT 3: Medicine Exercise 9: Articles

Complete the text with *the*, *a* or *x* (no article).

Nowadays, it's not unusual for people to carry bottled water wherever they go.

Recently, however, the benefits of drinking ☒ water were called into question when ☒ new report was published. ☒ report stated there was no scientific proof that drinking eight glasses a day was good for you. While it may not be necessary to drink such a large amount of fluid, there are at least five very good reasons to drink ☒ water:

1) It helps maintain the balance of bodily fluids. ☒ body is made up of approximately 60% water which helps digestion, circulation, sweating and other functions. If we don't take in enough fluid, the body won't be able to perform these functions. 2) It helps us to lose weight. If we choose ☒ glass of water

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may not be necessary to drink such a large amount of fluid, there are at least five very good reasons to drink ☒ water:

1) It helps maintain the balance of bodily fluids. ☒ body is made up of approximately 60% water which helps digestion, circulation, sweating and other functions. If we don't take in enough fluid, the body won't be able to perform these functions. 2) It helps us to lose weight. If we choose ☒ glass of water instead of drinking something with a lot of sugar, we are taking in fewer calories. 3) It's ☒ most effective way to keep skin looking good. It reduces the appearance of ☒ lines and wrinkles. 4) ☒ Dr Clive Nephrahey, kidney specialist, states that water is vital for your kidneys to function. He says 'your kidneys perform the task of cleaning your body of toxins, providing you are drinking enough water'. 5) ☒ fifth reason for drinking more fluid is that it helps to keep your muscles working. Without adequate fluid, muscle cells become tired or 'fatigued' and performance can suffer.

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1 Even though particular drugs can save lives, medical regulators often ban their use because they're too expensive. ✓

2 In spite of the high cost of private healthcare, many people choose this option to avoid long hospital waiting lists. ✓

3 Many medicines have unpleasant side effects but people continue to take them in order to get better. ✓

4 In spite of the fact that nursing is poorly paid, there continues to be a lot of people training to enter the profession. ✓

5 Particular drugs can save lives.
However, medical regulators often ban their use because they're too expensive. ✓

6 Private healthcare is very expensive. Nevertheless, people choose this option to avoid long hospital waiting lists. ✓

7 Despite some drugs having some unpleasant side effects people continue to take them in order to get better. ✓

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