

**15. Drugs**

*(Past Year Topical Questions 2010-2015)*

Oct/Nov 2010 (11)

**19** What are the effects of smoking on the gas exchange system?

	mucus in the airways	chance of lung infection
<b>A</b>	decreased	decreased
<b>B</b>	decreased	increased
<b>C</b>	increased	decreased
<b>D</b>	increased	increased

**22** Where do the breakdown of drugs and the storage of urine occur?

	breakdown of drugs	storage of urine
<b>A</b>	kidney	muscles
<b>B</b>	liver	bladder
<b>C</b>	liver	kidney
<b>D</b>	muscles	liver

May/June 2011 (11)

**23** In which part of the body do drugs break down?

- A** brain
- B** heart
- C** kidneys
- D** liver

May/June 2013 (12)

**21** What are the effects of tobacco smoke on the gas exchange system?

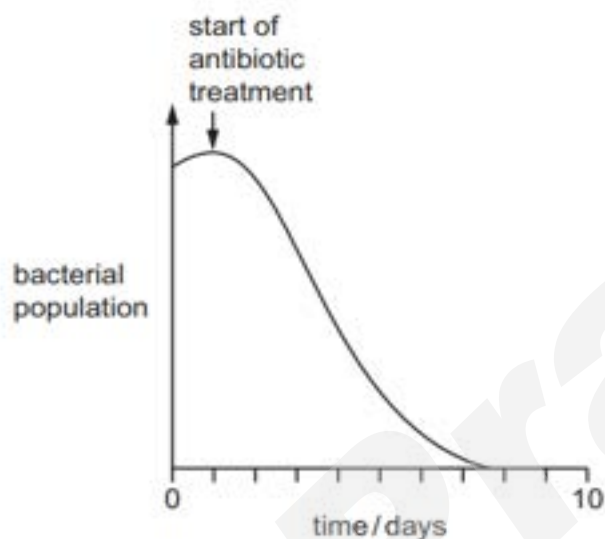
	mucus in the airways	chance of lung infection
<b>A</b>	decreased	decreased
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<b>C</b>	increased	decreased
<b>D</b>	increased	increased

**22** What are the functions of the diaphragm and the cilia in the human gas exchange system?

	diaphragm	cilia
<b>A</b>	contracts to cause breathing in	carry mucus to the throat
<b>B</b>	contracts to cause breathing out	trap bacteria from the air
<b>C</b>	relaxes to cause breathing in	filter dust from the air
<b>D</b>	relaxes to cause breathing out	produce mucus

May/June 2014 (11)

23 The graph shows the effect of an antibiotic treatment on bacterial populations in the blood.



What conclusion can be drawn from the graph?

- A Antibiotics are effective against viral and bacterial infections.
- B Antibiotics cause reduction division in bacteria.
- C Antibiotics take ten days to kill all bacteria.
- D Before the start of antibiotic treatment the bacterial population was rising.

May/June 2014 (12)

20 Which two statements describe the effects of smoking cigarettes?

- 1 Cilia beat more quickly.
- 2 Cilia beat more slowly.
- 3 Goblet cells stop producing mucus.
- 4 Goblet cells produce more mucus.

- A 1 and 3      B 1 and 4      C 2 and 3      D 2 and 4

Oct/Nov 2014 (11)

19 The oxygen carrying capacity of the blood of smokers is less than that of non-smokers.

Which component of cigarette smoke causes this?

- A carbon monoxide
- B nicotine
- C smoke particles
- D tar

May/June 2015 (11)

25 What is **not** an effect of consumption of alcohol?

- A liver damage
- B loss of muscle coordination
- C poor self control
- D stimulation of the nervous system