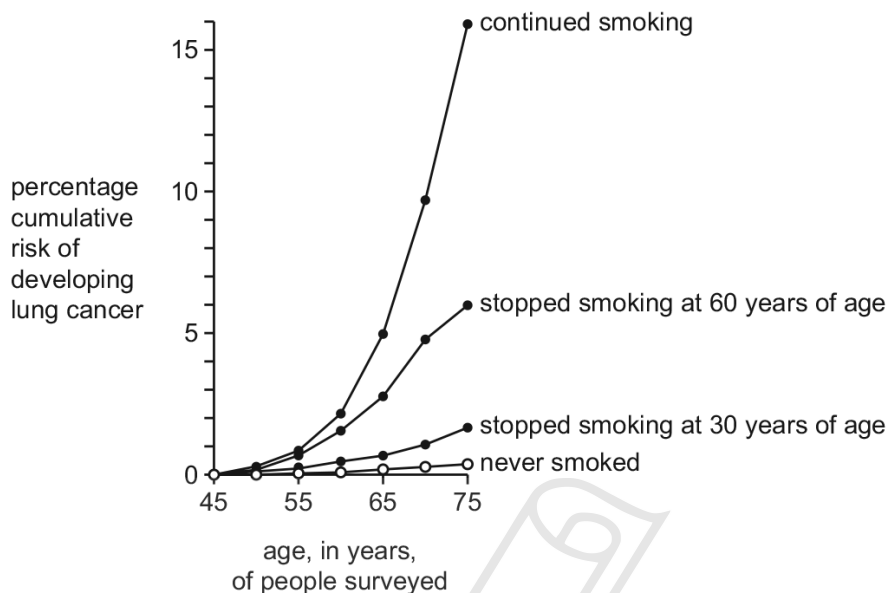


### 15.3 Misused drugs

01. 0610\_s21\_qp\_21 Q: 29

Scientists carried out a survey on the effect of giving up smoking on the risk of developing lung cancer. The results are shown in the graph.



The scientists made three conclusions:

- 1 Stopping smoking reduces the risk of developing lung cancer.
- 2 Age increases the risk of lung cancer for smokers and non-smokers.
- 3 The earlier people stop smoking, the lower the risk.

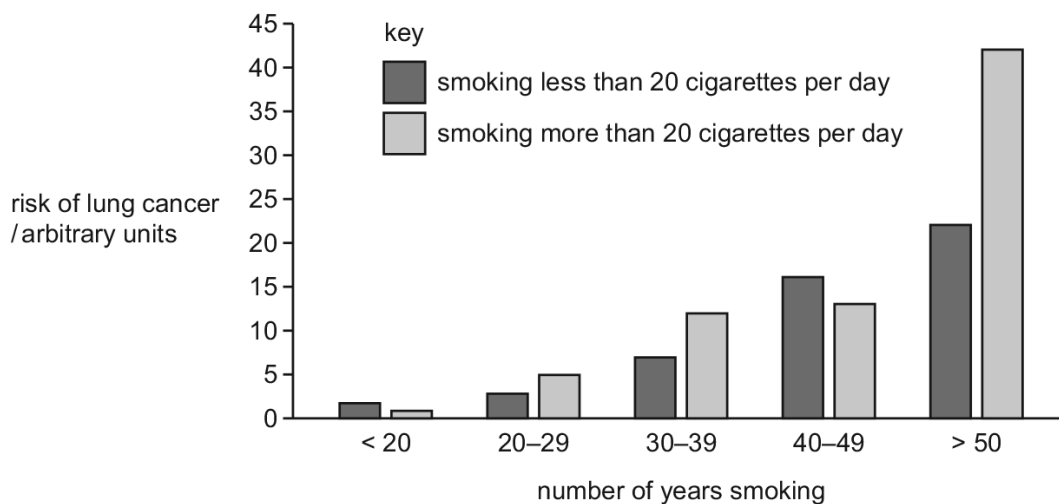
Which conclusions are correct?

- A** 1, 2 and 3    **B** 1 and 2 only    **C** 1 and 3 only    **D** 2 and 3 only

15.3. MISUSED DRUGS

02. 0610\_s21\_qp\_22 Q: 29

The graph shows how smoking different numbers of cigarettes for different lengths of time affects the risk of lung cancer.



Which conclusions are supported by the data in the graph?

- 1 Smoking more than 20 cigarettes per day always increases the risk of lung cancer more than smoking less than 20 cigarettes per day.
- 2 Smoking cigarettes for more years increases the risk of lung cancer.
- 3 Smoking more than 20 cigarettes per day for more than 50 years has the highest risk of lung cancer.

**A** 1, 2 and 3    **B** 1 and 2 only    **C** 1 and 3 only    **D** 2 and 3 only

03. 0610\_s21\_qp\_23 Q: 29

Why are people advised **not** to drive a car after drinking an excessive quantity of alcohol?

- A** Alcohol is a depressant.
- B** Alcohol is a stimulant.
- C** Alcohol decreases reaction time.
- D** Alcohol is addictive.

04. 0610\_w19\_qp\_21 Q: 27

Several athletes have been banned from their sport for using the drug nandrolone. This drug helps the body to build up muscle tissue.

What sort of drug is nandrolone?

- A anabolic steroid
  - B antibiotic
  - C depressant
  - D neurotransmitter
- 

05. 0610\_w19\_qp\_22 Q: 27

Why do some athletes take anabolic steroids?

- A to decrease blood glucose concentration
  - B to increase muscle mass
  - C to kill bacteria
  - D to reduce aggression
- 

06. 0610\_w19\_qp\_23 Q: 27

Which substance in tobacco smoke directly reduces the oxygenation of blood?

- A carbon dioxide
  - B carbon monoxide
  - C nicotine
  - D tar
- 

  
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07. 0610\_s18\_qp\_21 Q: 27

Which hormone may be used to improve sporting performance?

- A FSH
  - B LH
  - C oestrogen
  - D testosterone
-

15.3. MISUSED DRUGS

08. 0610\_s18\_qp\_22 Q: 26

Which row describes heroin?

|          | type of drug | location of effect |
|----------|--------------|--------------------|
| <b>A</b> | depressant   | blood              |
| <b>B</b> | depressant   | synapses           |
| <b>C</b> | stimulant    | blood              |
| <b>D</b> | stimulant    | synapses           |

09. 0610\_s17\_qp\_23 Q: 26

Which row shows the effects of excessive alcohol consumption?

|          | reaction time | self-control | anti-social behaviour |
|----------|---------------|--------------|-----------------------|
| <b>A</b> | quicker       | increased    | increased             |
| <b>B</b> | quicker       | reduced      | increased             |
| <b>C</b> | slower        | increased    | decreased             |
| <b>D</b> | slower        | reduced      | increased             |

10. 0610\_w17\_qp\_23 Q: 27

Which process occurring at a synapse is prevented by the presence of heroin?

- A** the binding of a neurotransmitter with receptors
- B** the diffusion of a neurotransmitter across the gap
- C** the formation of a neurotransmitter
- D** the stimulation of vesicles by an impulse

11. 0610\_m16\_qp\_22 Q: 29

Possible effects of drug abuse include

- 1 addiction,
- 2 reduced self-control,
- 3 severe withdrawal symptoms.

Which effects may occur as a result of drinking too much alcohol?

- A** 1, 2 and 3    **B** 1 and 2 only    **C** 1 only    **D** 2 and 3 only

12. 0610\_s16\_qp\_21 Q: 28

Which organ is most often damaged by regularly drinking too much alcohol?

- A heart
  - B liver
  - C pancreas
  - D stomach
- 



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| SN | Paper          | Q. No. | Answer |
|----|----------------|--------|--------|
| 01 | 0610_s21_qp_21 | 29     | A      |
| 02 | 0610_s21_qp_22 | 29     | D      |
| 03 | 0610_s21_qp_23 | 29     | A      |
| 04 | 0610_w19_qp_21 | 27     | A      |
| 05 | 0610_w19_qp_22 | 27     | B      |
| 06 | 0610_w19_qp_23 | 27     | B      |
| 07 | 0610_s18_qp_21 | 27     | D      |
| 08 | 0610_s18_qp_22 | 26     | B      |
| 09 | 0610_s17_qp_23 | 26     | D      |
| 10 | 0610_w17_qp_23 | 27     | A      |
| 11 | 0610_m16_qp_22 | 29     | A      |
| 12 | 0610_s16_qp_21 | 28     | B      |



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|     |                |    |   |
|-----|----------------|----|---|
| 980 | 0610_m16_qp_22 | 31 | B |
|-----|----------------|----|---|