

SAMPLE QUESTION FOR THE BMAT

The logo for 'ascend' features the word in a lowercase, green, sans-serif font. To the right of the text is a green graphic element consisting of a curved, upward-pointing shape that resembles a stylized arrow or a wing, with a gradient from light to dark green.

Question 1

Read the following passage:

At 11 years of age, the children of parents who do not smoke are on average taller than the children of parents who do smoke. It is clear therefore that passive smoking, in this case the inhaling of their parents' smoke, tends to set back the growth rate of young children.

Even if the evidence is correct, which of the following shows that the conclusion is unsafe?

- a) It may be the case that, on average, parents who smoke spend a smaller proportion of their income on food than non-smokers
- b) It may be the case that many individual 11 year olds with parents who smoke are significantly taller than many 11 year olds whose parents have never smoked
- c) It may be the case that a genetic tendency to grow more slowly in childhood is linked with a disposition to tobacco addiction

Question 2

Ann and Brian have a combined peak expiratory flow of 900 ml/s. Ann and Clare have a total of 950 ml/s. Brian and Clare have a combined total of 990 ml/s.

What is Ann's peak expiratory flow?

- a) 430 ml/s
- b) 450 ml/s
- c) 470 ml/s
- d) 520 ml/s

Question 3

The pH of arterial blood is 7.4. Which one of the following is the likely pH of venous blood?

- a) 4.35
- b) 7.35
- c) 7.45
- d) 10.45

The answers to the sample questions are at the bottom of the next page, only scroll down if you wish to see the answers!

SAMPLE QUESTION ANSWERS

Question 1

Answer is b

Question 2

Answer is a

Question 3

Answer is b