

20 Which sequence of statements explains the build-up and removal of an oxygen debt?

- 1 Anaerobic respiration occurs in muscles during vigorous exercise.
- 2 Faster and deeper breathing continues after exercise.
- 3 Glucose is converted to lactic acid.
- 4 Lactic acid builds up in muscles causing an oxygen debt.
- 5 Oxygen enables the continued aerobic respiration of lactic acid.

A 1 → 3 → 4 → 2 → 5

B 1 → 3 → 2 → 4 → 5

C 3 → 4 → 5 → 1 → 2

D 3 → 4 → 1 → 5 → 2