

# Chapter 12

## Respiration

### 12.1 Respiration

01. 0610\_m22\_qp\_22 Q: 23

Which process uses energy released in respiration?

- A diffusion
  - B evaporation
  - C growth
  - D osmosis
- 

02. 0610\_s21\_qp\_21 Q: 23

The list shows some processes that take place in a human body.

- 1 production of new red blood cells
- 2 transmission of nerve impulses from the eyes to the brain
- 3 diffusion of gases into and out of the lungs

Which processes use energy released by respiration?

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

03. 0610\_s21\_qp\_22 Q: 23

What is the link between muscle contraction, protein synthesis and the maintenance of a constant body temperature?

- A They are controlled by hormones.
  - B They are examples of homeostasis.
  - C They require energy.
  - D They require carbon dioxide.
-

04. 0610\_s21\_qp\_23 Q: 23

Which statement applies to respiration?

- A It involves enzymes.
  - B Energy is absorbed.
  - C It only takes place in animal cells.
  - D Oxygen is released.
- 

05. 0610\_s21\_qp\_23 Q: 24

Which statement about respiration is correct?

- A Deep breathing after exercise reduces an oxygen debt.
  - B Lactic acid produced by aerobic respiration causes an oxygen debt.
  - C The energy in ethanol molecules is released by muscle cells.
  - D The energy in lactic acid is released by anaerobic respiration.
- 

06. 0610\_w20\_qp\_21 Q: 21

The list shows some processes that happen in the human body.

- 1 water enters cells by osmosis
- 2 muscles contract
- 3 impulses travel along neurones
- 4 oxygen diffuses into cells

Which of these require energy released by respiration?

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

07. 0610\_s19\_qp\_23 Q: 22

Which process uses energy released by respiration?

- A diffusion
  - B evaporation
  - C growth
  - D osmosis
- 

08. 0610\_s16\_qp\_22 Q: 20

Which processes depend on the action of enzymes?

- 1 digestion
- 2 osmosis
- 3 respiration

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

SN	Paper	Q. No.	Answer
01	0610_m22_qp_22	23	C
02	0610_s21_qp_21	23	A
03	0610_s21_qp_22	23	C
04	0610_s21_qp_23	23	A
05	0610_s21_qp_23	24	A
06	0610_w20_qp_21	21	C
07	0610_s19_qp_23	22	C
08	0610_s16_qp_22	20	B



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