

AQA, OCR, Edexcel

GCSE Science

GCSE Biology

Aerobic Respiration Questions

Name:

M M E

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Total Marks: /20

Q1: What is aerobic respiration?

(2 marks)

Q2: i) Give the word equation for aerobic respiration.

(2 marks)

ii) Give the symbol equation for aerobic respiration.

(2 marks)

Q3: What does the transfer of energy to the environment cause?

(1 mark)

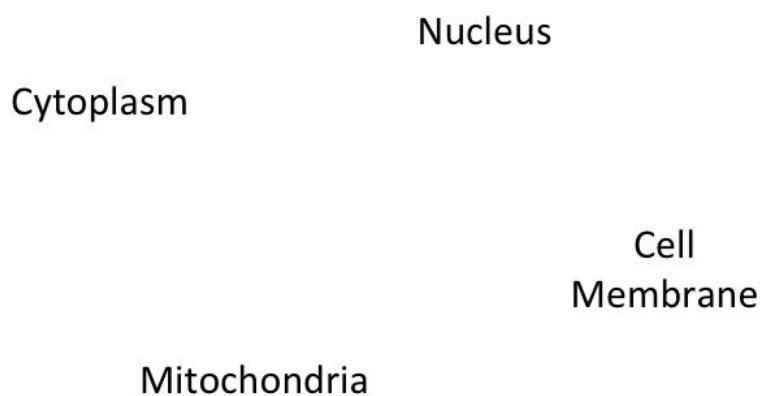
Q4: Why do girls require less energy per day than boys?

(1 mark)

Q5: Why does having more muscles, mean more aerobic respiration.

(1 mark)

Q6: Circle the cell component where aerobic respiration takes place.



(1 mark)

Q7: Explain why a bird requires more food in winter.

(2 marks)

Q8: Explain why you still use energy from respiration when asleep and give an example.

(3 marks)

Q9: Explain why plants use aerobic respiration.

(2 marks)

Q10: i) Students are designing an experiment to show oxygen is converted to carbon dioxide during respiration. How can the students show carbon dioxide is being produced?

(2 marks)

ii) Why are the students showing carbon dioxide is produced rather than removing oxygen to show respiration?

(1 mark)