

AQA, OCR, Edexcel

GCSE Science

GCSE Biology

Material Cycling Questions

Name:

M M E

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Total Marks: /26

Q1: Name the group of organisms that break down waste of dead organisms.

(1 mark)

Q2: What 2 by-products are produced by bacteria breakdown of organisms.

1. _____

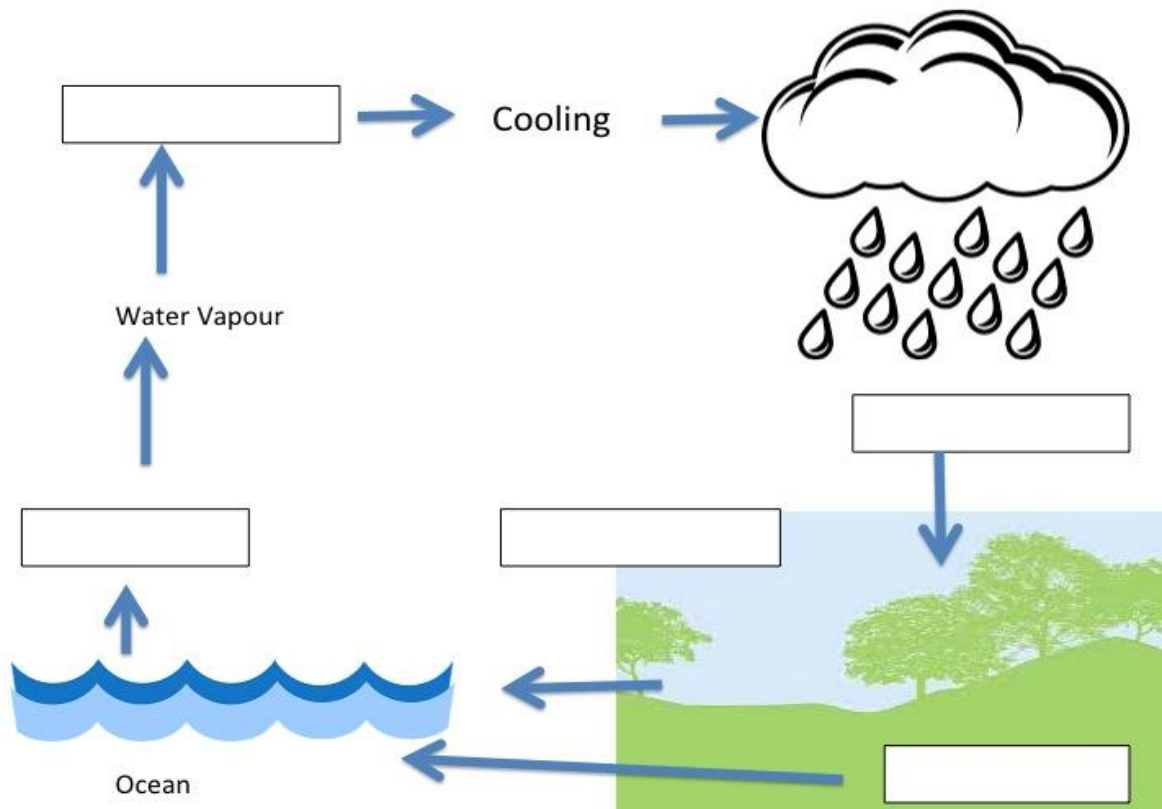
2. _____

(2 marks)

Q3: What would happen if organisms were not recycled?

(2 marks)

Q4: Water is vital for all living organisms. Using the figure below fill in the stages of the water cycle.



(5 marks)

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Q5: Give 2 ways mammals release water back into the water cycle.

1. _____

2. _____

(2 marks)

Q6: What is the carbon cycle?

(1 mark)

Q7: Give an example of carbon which can only be accessed through burning.

(1 mark)

Q8: Give the 3 main stages of the carbon cycle.

1. _____

2. _____

3. _____

(3 marks)

Q9: State the equation for combustion within the carbon cycle.

(2 marks)

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Q10: Discuss the role of respiration, photosynthesis and combustion within the carbon cycle.

(6 marks)

Q11: Due to the excess of carbon being released back into the carbon cycle what effect is being seen?

(1 mark)