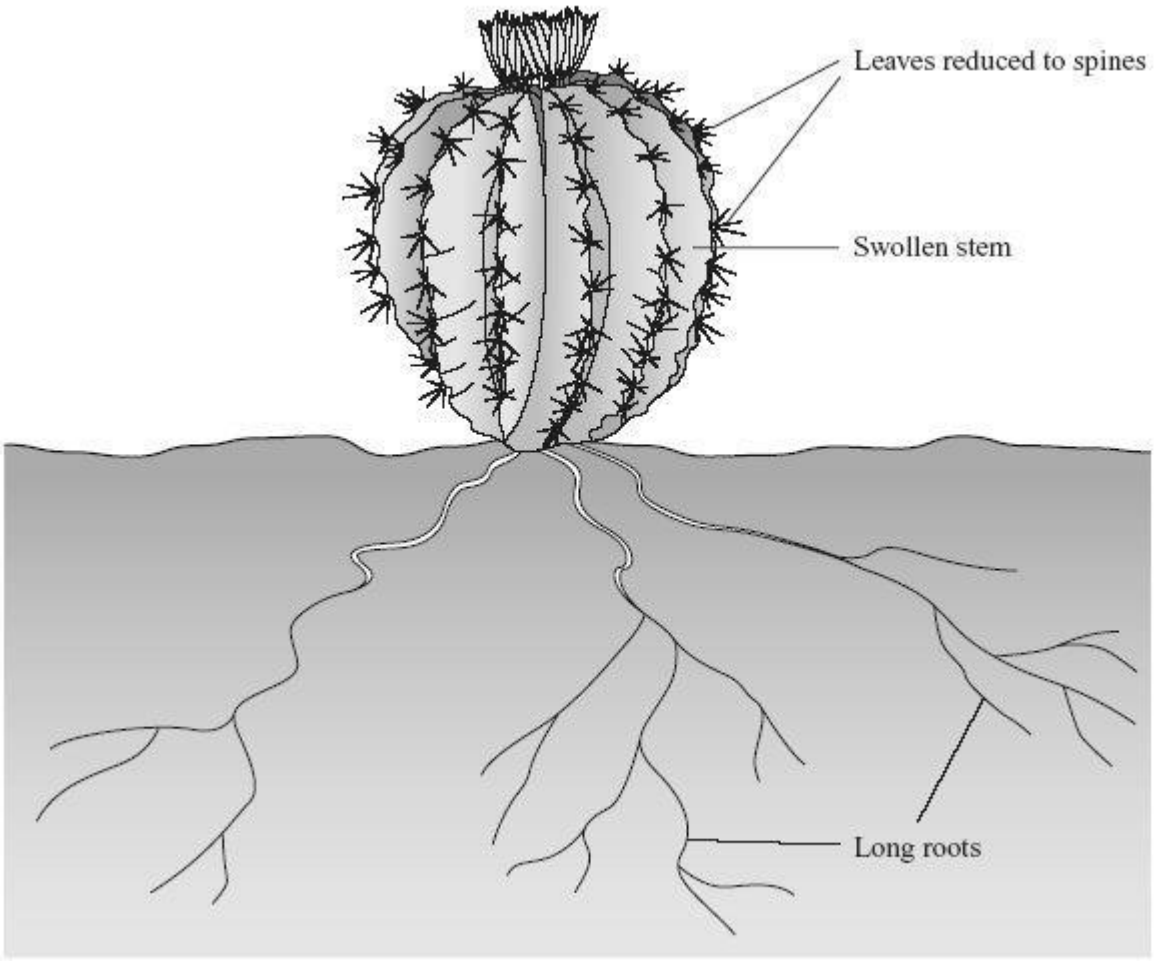
Practice Question Set For GCSE
Subject : Biology
Paper-1 Topic: B2 Organisation

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Name of the Student:_____
Max. Marks : 21 Marks **Time : 21 Minutes**

Q1.

The drawing shows a plant that is adapted to life in a hot, dry desert.



(a) Which labelled part of the plant helps it to get the water it needs?

_____

_____

(1)

(b) The stem of the plant is covered by wax.
How does this help the plant to survive?

_____

_____

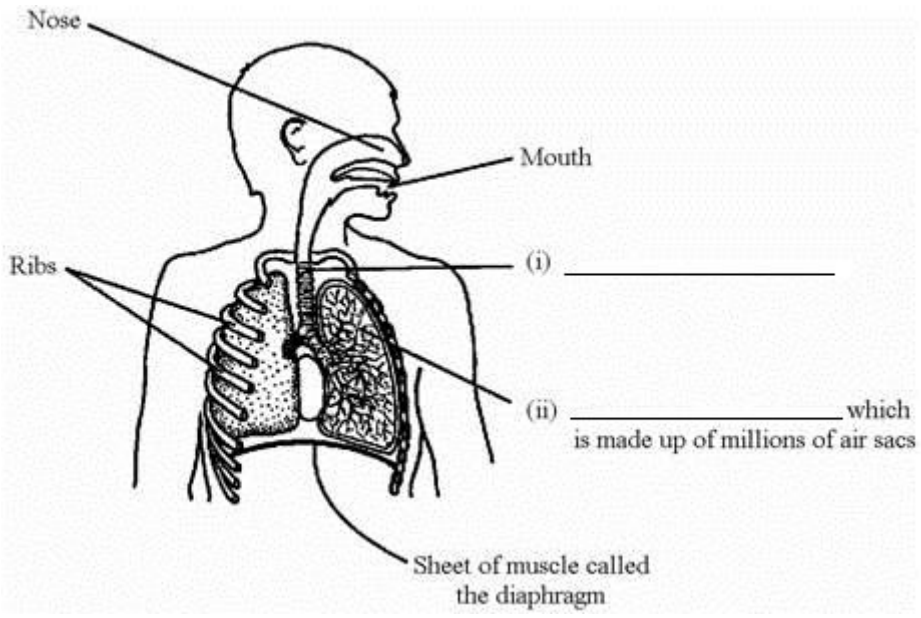
(1)
(Total 2 marks)

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Q2.

The diagram shows the human breathing system.

(a) Complete the labels (i) and (ii).



(2)

(b) Complete the following sentence.

When we breathe out, the mixture of gases which leaves the air sacs contains **more** _____ and **less** _____ than the mixture of gases which enters the air sacs.

(2)

(Total 4 marks)

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Q3.

(a) (i) Complete the word equation for the process of aerobic respiration.

Glucose + _____ → carbon dioxide + water

(1)

(ii) Which organ removes carbon dioxide from your body?

_____

(1)

(b) Use names from the box to complete the **two** spaces in the passage.

carbon dioxide	lactic acid	nitrogen	oxygen	water

Anaerobic respiration can occur when an athlete does vigorous exercise.

This is because there is not enough _____ in the body.

The product of anaerobic respiration is _____ .

(2)

(Total 4 marks)

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Q4.

Blood contains plasma, platelets, red cells and white cells. Each has one or more important functions.

In the table below draw a line from each part to its function.

One part has two functions. Draw lines from this part to both functions.

Name of part of blood	Function of part of blood
red cell	fights bacteria
platelet	carries dissolved hormones
plasma	carries dissolved urea
white cell	transports oxygen around the body
	helps blood to clot

(Total 5 marks)

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Q5.

The table shows the percentage of some gases in the air a boy breathed in and out.

Gases	Air breathed in	Air breathed out
carbon dioxide	0.04%	4.0%
oxigen	20.0%	16.0%
water vapour	1.0%	6.0%

(a) What happens in the lungs to change the levels of oxygen and carbon dioxide in this way?

Oxygen _____

_____

_____

Carbon dioxide _____

_____

_____

(4)

(b) Compare the percentage of water vapour in the air breathed out with the percentage in air breathed in.

_____

(2)

(Total 6 marks)

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