

# The Circulatory System Answers

1. What does 'circulatory' mean?

**Travelling in a circle or continuous loop**

2. What pumps the blood around your body?

**The heart**

3. How long does it take for one red blood cell to go round the body?

**20 seconds**

4. What is it that your body needs that gets delivered by the blood?

**Oxygen**

5. What does your body need to get rid of that is taken away by your blood?

**Carbon dioxide**

6. The larger loop of the circulatory system goes all around to and from your heart, where does the other one visit?

**The lungs**

7. In the final paragraph, the author has used an apostrophe to create shortened word. What should the full words be?

**We've → We have**

8. Find two conjunctions in the text.

**Any two from: but, and, when, for, which, so, if**

9. Find five verbs in the text.

**Any five from the text, e.g. doing, is, means, going, circulated, taking, comes, breathe, let out, does, starts, think, drop off, transfer, move, pumps, talked, travelling, collect, have, etc.**

10. What is the most interesting piece of information you have read in this text and why?

**Open-ended for discussion**

# The Circulatory System **Answers**

1. Why is it called a 'circulatory system'?

**The blood travels in a circle/continuous loop around your body.**

2. What pumps the blood around your body?

**The heart**

3. How long does it take for one red blood cell to go round the body?

**20 seconds**

4. What is it that your body needs that gets delivered by the blood?

**Oxygen**

5. What is the final thing your body needs to do to get rid of unwanted carbon dioxide?

**Breathe out/exhale**

6. The larger loop of the circulatory system goes all around to and from your heart, where does the other one visit?

**The lungs**

7. In the final paragraph, the author has used an apostrophe to create a contracted word. What should the full words be?

**We've → We have**

8. Find three conjunctions in the text.

**Any three from: but, and, when, for, which, so, if**

9. What are the blood cells compared to? Why?

**The blood cells are compared to delivery drivers as they transport important things all around our bodies.**

10. What is the most interesting piece of information you have read in this text and why?

**Open-ended for discussion**

# The Circulatory System Answers

1. What are the scientific symbols for oxygen and carbon dioxide?  
**Oxygen = O<sub>2</sub>   Carbon dioxide = CO<sub>2</sub>**
2. In 'The Heart' paragraph, what does the phrase, 'at the heart of it all' mean?  
**Something that is at the centre/the most important/focus point of an activity or process.**
3. How long does it take for one red blood cell to go round the body?  
**20 seconds**
4. Write down in words how many times the average heart beats in one lifetime.  
**Two and a half billion / Two billion, five hundred million times in a lifetime.**
5. What does your body need to get rid of that is taken away by your blood?  
**Carbon dioxide**
6. What do capillaries do?  
**Transfer oxygen (and carbon dioxide) from (and to) the blood to (and from) the cells.**
7. In the final paragraph, the author has used an apostrophe to create a contracted word. What should the full words be?  
**We've → We have**
8. Find four conjunctions in the text.  
**Any four from: but, and, when, for, which, once, if, so**
9. What simile is used to describe the blood cells? Why?  
**The blood cells are compared to delivery drivers as they transport important things all around our bodies.**
10. What is the most interesting piece of information you have read in this text and why?  
**Open-ended for discussion**