

## TEST – BLOOD

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1. Why is blood so important? Name a few of the main functions. **blood carries all the substances we need to stay alive; blood fights off infections; it carries chemicals to body parts; it keeps our body temperature the same; it repairs broken blood vessels**
2. Which elements is blood made up of? **plasma, red and white blood cells, platelets**
3. What do white blood cells do? **they fight off infections and harmful substances**
4. What important function do platelets have ? **they form blood clots and stop bleeding**
5. What is the circulatory system? **it carries blood to all parts of the body**
6. What happens if blood doesn't clot? **you bleed to death**
7. What is the difference between arteries and veins? **arteries bring blood from the heart to parts of the body; veins bring blood from body parts back to the heart**
8. What is hemoglobin? **a red substance in the blood that contains iron and carries oxygen**
9. What happens to the things that you eat and which your body doesn't need ? **it leaves your body through the kidneys and intestines**
10. Where do blood cells come from ? **bone marrow**
11. What are stem cells ? **special cells in your body that can divide and form other cells that can do certain things**
12. How much blood does an adult usually have ? **about 5 liters**
13. Why do athletes often train and exercise in mountain regions ? **it produces more red blood cells which can then carry more oxygen to parts of the body**
14. Which blood groups are there ? **O, A, B and AB**
15. The most common blood group is **O**
16. When are blood transfusions needed ? **in operations, accidents; when people lose a lot of blood**
17. How is blood collected ? How is it stored ? **collected from blood donors and put into sterile bags**
18. Why is donated blood examined carefully ? **to make sure it is safe and does not contain diseases**
19. What is anemia ? **when there are not enough red blood cells in your body**
20. Name some of the symptoms of leukemia? **weight loss, fever, infections, weakness of muscles, skin changes etc..**