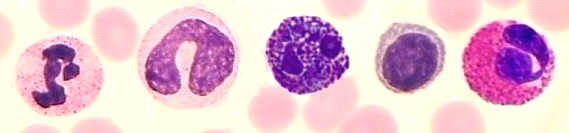
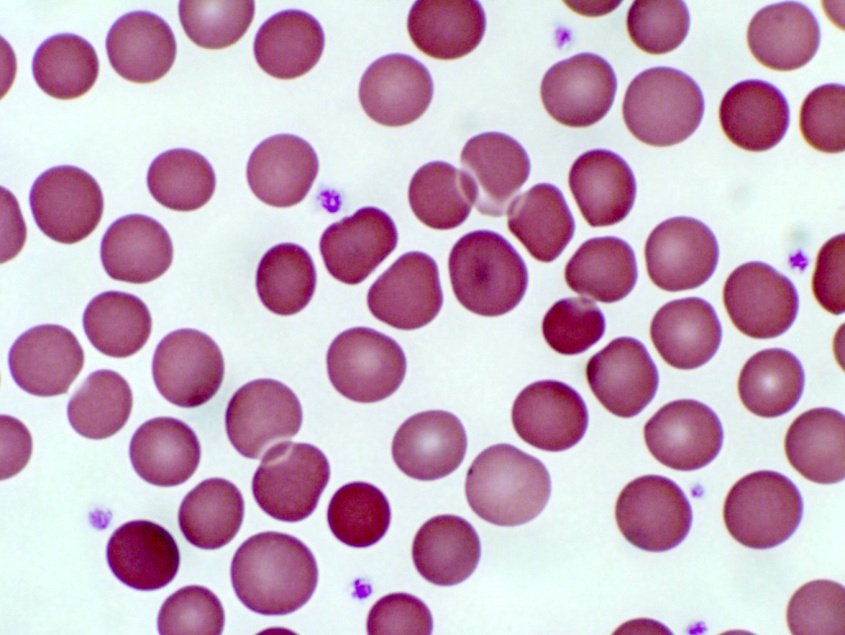
1. Draw plan diagrams of the different leukocytes below:



***Leukocytes***

1. (a) Draw plan diagrams of three blood cells:



(b) Label the platelets using arrows.

1. The diagram shows blood as seen under a microscope.



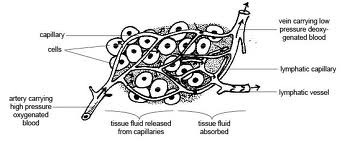
Which identifies parts P, Q, R and S of the blood?

1. The diagram shows some parts from the blood of a mammal.



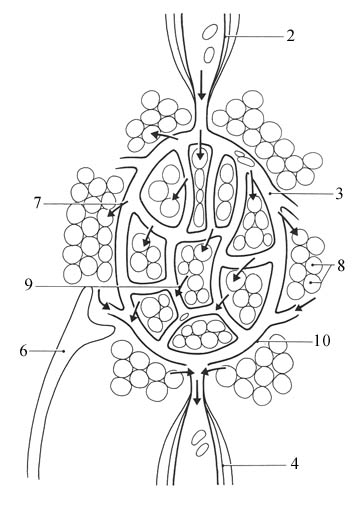
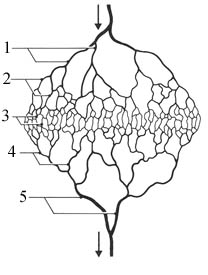
Which part would contain the breakdown products of bacterial cells? \_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Capillary network: Draw arrows to show direction of blood flow, formation of tissue fluid and lymph and movement of substance. Use a key/colours for different arrow styles.



Key:

1. Match the number with the structure in the capillary network



***Capillary Bed Schematised diagram of capillary network.***

­\_\_\_\_\_\_\_Lymph capillary

\_\_\_\_\_\_\_Capillary fluid entering tissues

\_\_\_\_\_\_\_Tissue cells bathed in fluid

\_\_\_\_\_\_\_Tissue fluid entering capillaries

\_\_\_\_\_\_\_Endothelial cell layer

\_\_\_\_\_\_\_Arteries

\_\_\_\_\_\_\_Arterioles

\_\_\_\_\_\_\_Capillaries

\_\_\_\_\_\_\_Venules

­\_\_\_\_\_\_\_Veins

1. Construct a comparative table of differences between blood, tissue fluid and lymph.

|  |  |
| --- | --- |
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|  |  |
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1. Write an explanation of how tissue fluid and lymph are formed from blood and outline their functions.