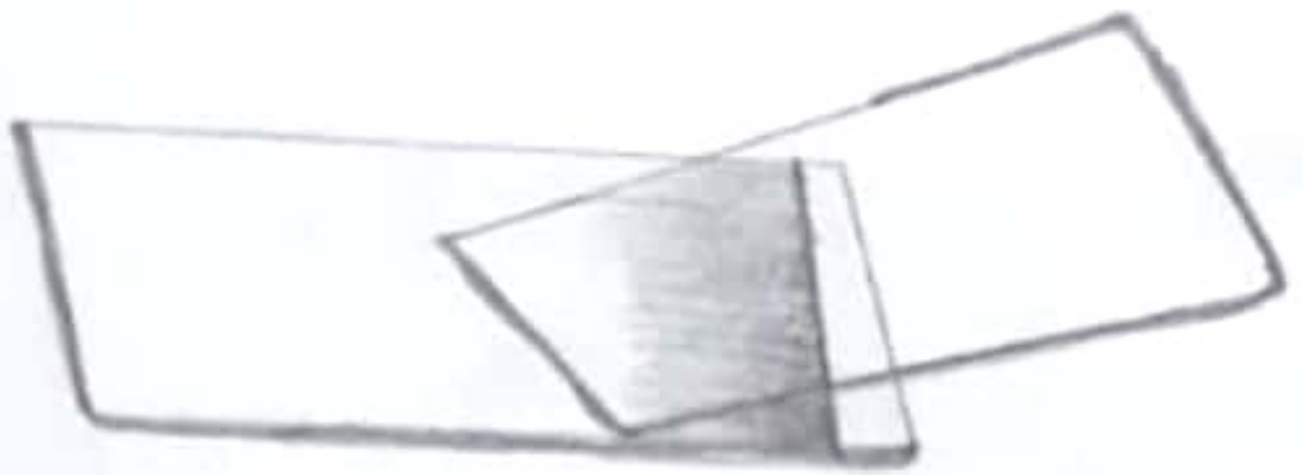
DIAGRAMS

Step 1

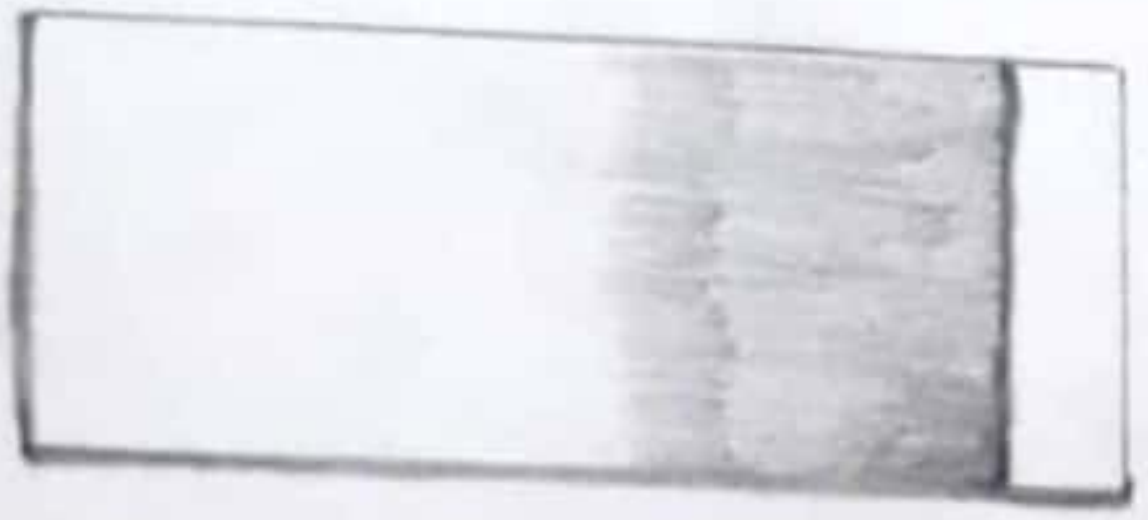
Step 2

Step 3

Step 4



Q Typical Blood Smear



DIAGRAMS

Erythrocyte

Eosinophil

Neutrophil

Basophil

Monocytes

Lymphocytes

STUDENT'S NOTES

Answer 01

Characteristics of a good blood smear

It is tongue shaped having, head body and
It should cover 2/3rd of slide
It should be thin
It should not contain blank spaces
The dried film should be of brownish yellow colour
(buff coloured)

Answer 02:

Constituent of Leishman's Stain
Eosin Methylene blue
Acetone free absolute methyl alcohol

Answer 03:

The cells are not stained duriy this time because the st
particles cannot enter the cells in their unionized state

Answer 04:

Because acetone if present will cause shrinkage or
even lysis of cells

Answer 05:

It is water whose pH is 6.8 It causes ionization
stain particles present in the Leishman's stain. Optim
ionization of stain particles occur at pH 6.8

Answer 06: It can be found by comparing the
cells with red blood cells The size of RBC's
about 7.8 um

Answer 07:

As it is less in contact so there are less
chances of infection, moreover we have free flow
blood.