

UNIT - III

LYMPHATIC SYSTEM :-

Definition :-

- Lymph is a thin, watery, clear, modified tissue fluid formed by the passage of substance from the blood capillaries into the tissue space (Interstitial space) and enters in to the closed system of lymphatic capillaries to lymphatic vessels & lymphatic sinuses known as lymphatic system."
- Lymphatic system consists the fluid is known as lymphatic fluid.
- Interstitial fluid & lymphatic fluid are basically same, only the different in their location. When it is located b/w tissue spaces it is known as Interstitial fluid & when it goes into lymphatic vessels it is known as lymph.

Formation, Composition & Flow of lymph :-

(A) Formation :-

The blood consist mainly two composition

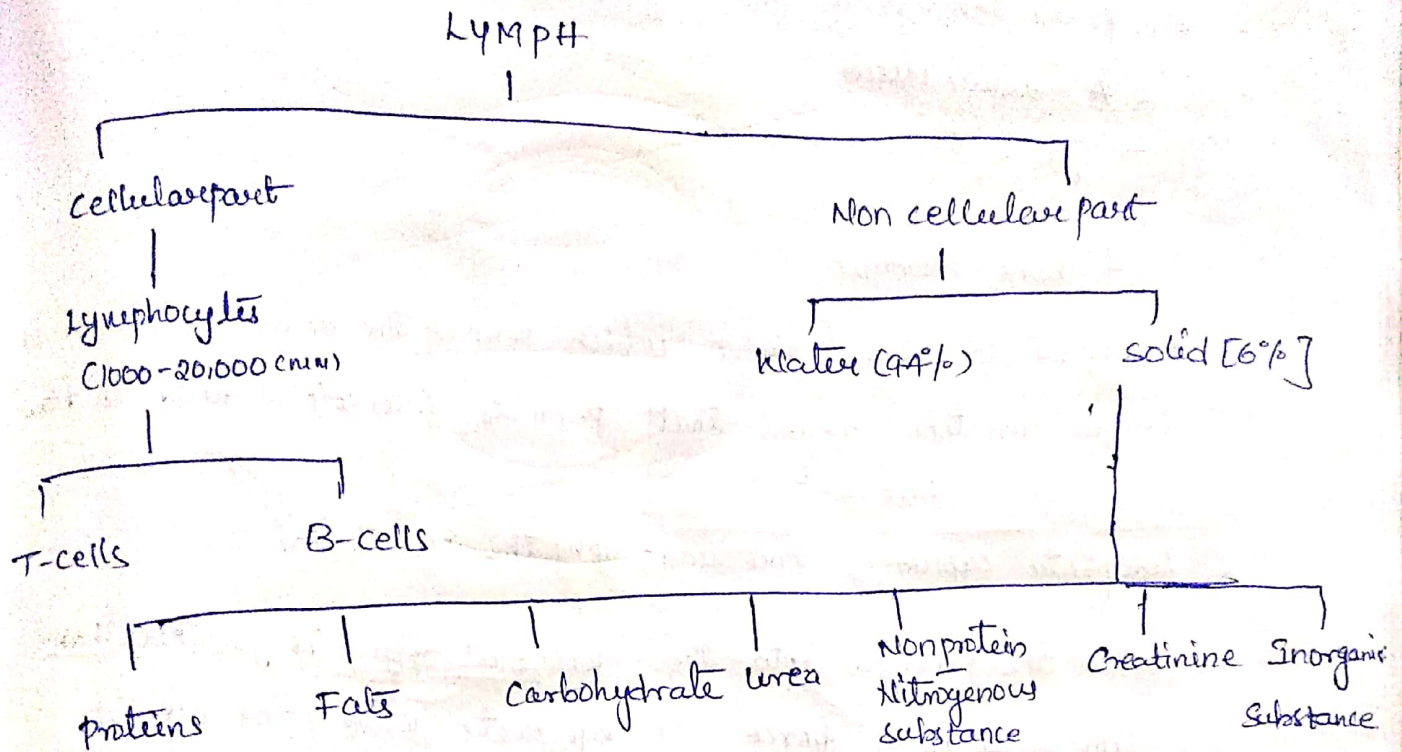
- Blood plasma.
- Formed Elements

In which Blood plasma freely filter through the capillary walls to interstitial space & known as Interstitial fluid.

- Most of the fluids get reabsorb by the blood capillaries but the excess (04) remain fluid enter into the lymphatic vessels known as lymph.

- This Excess fluid is about 3liters/day & form lymph.

(B) composition:-



(C) Flow of lymph:-

