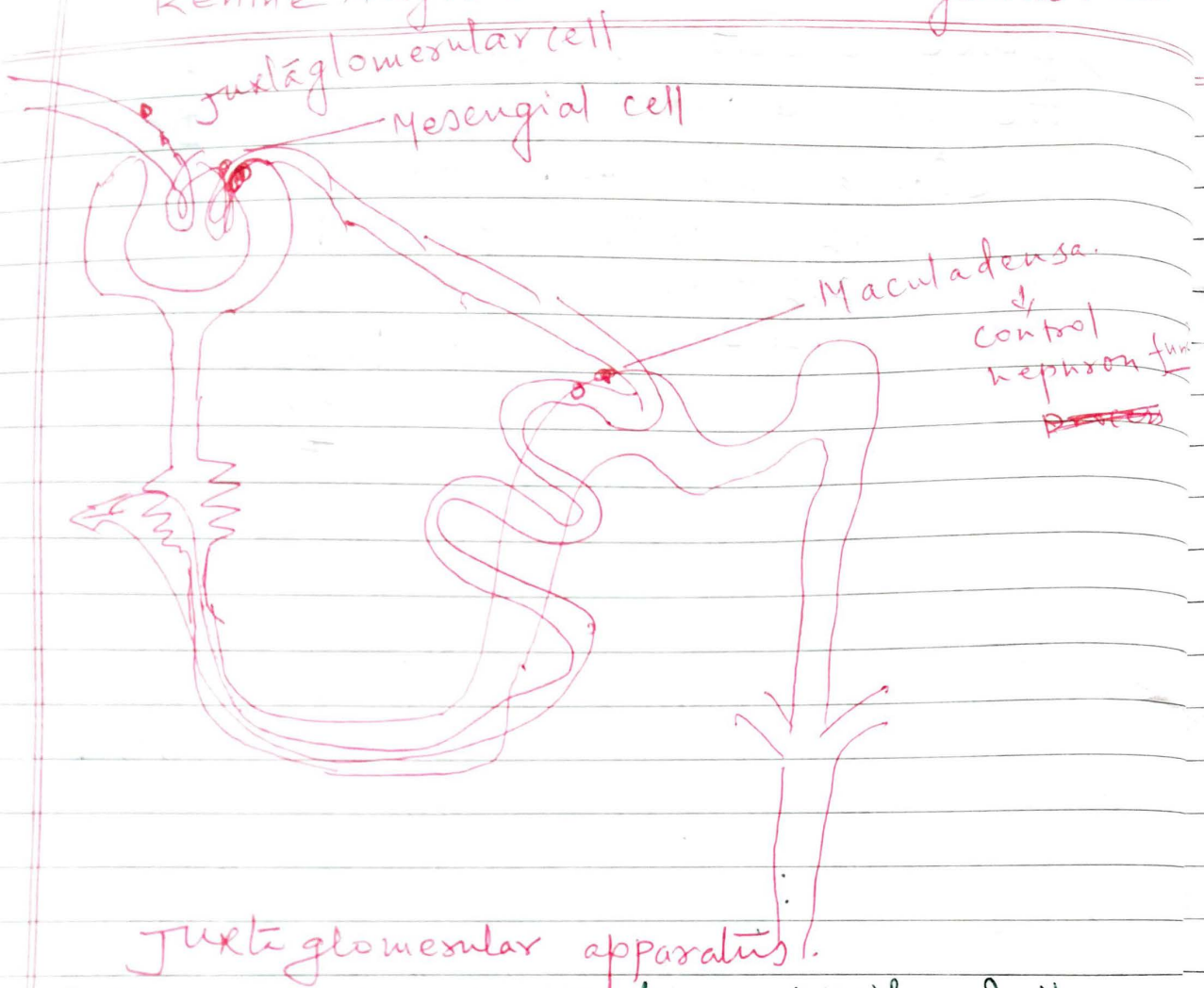
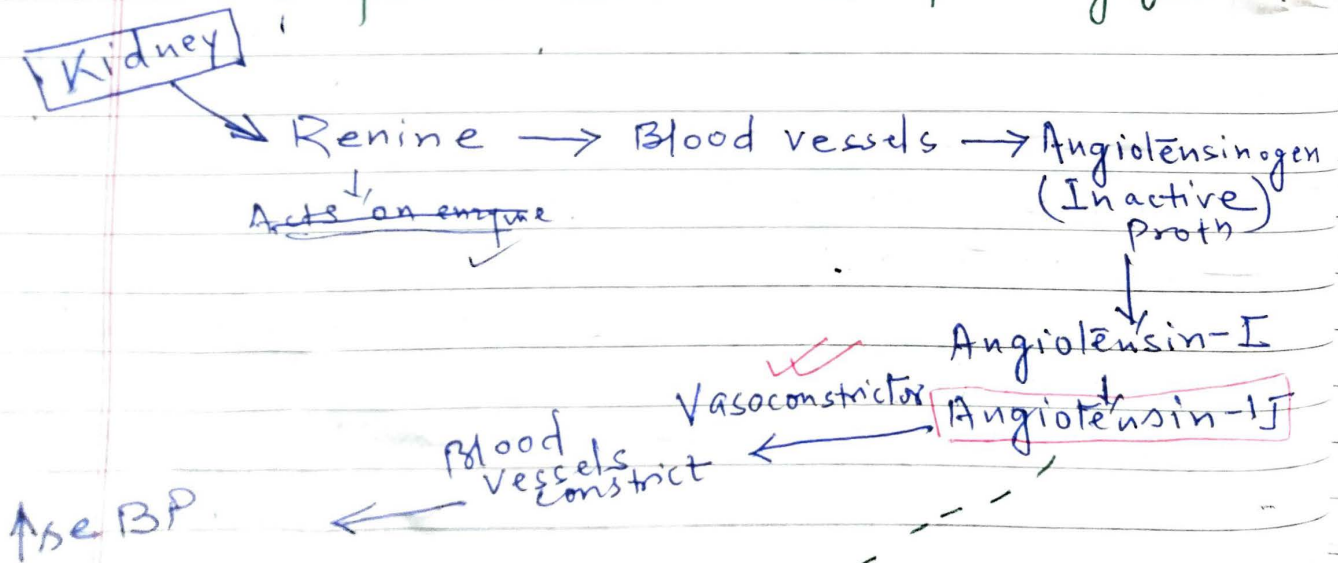


RAAS Renine Angiotensin Aldosterone system.



RAAS operate at the time of kidney failure.



Adrenal cortex → Aldosterone Acts on DCT

↓
Na Absorb
↑ BP

Heart

In Response to RAAS ^{heart} release

ANF = Atrial Natriuretic factor



It acts on DCT & excrete out sodium & also causes vasodilation.

Glucosuria = Presence of glucose in urine
It indicates diabetes mellitus.

Haematuria - Red Blood cells in urine.
indicates pathological condition.

Ketonuria - High level of ketone body in the urine
called Ketonuria -



It indicates diabetes mellitus,

~~Anorexia, Starvation~~

↑ level

Uremia - ~~Accumulation~~ of urea in blood.



may lead to kidney failure

Urea - can be removed by
hemodialysis

Note ADH regulates the activity of aquaporin-2 by signalling the fusion of AQP-2 containing vesicles to P.M of renal epithelial cells.