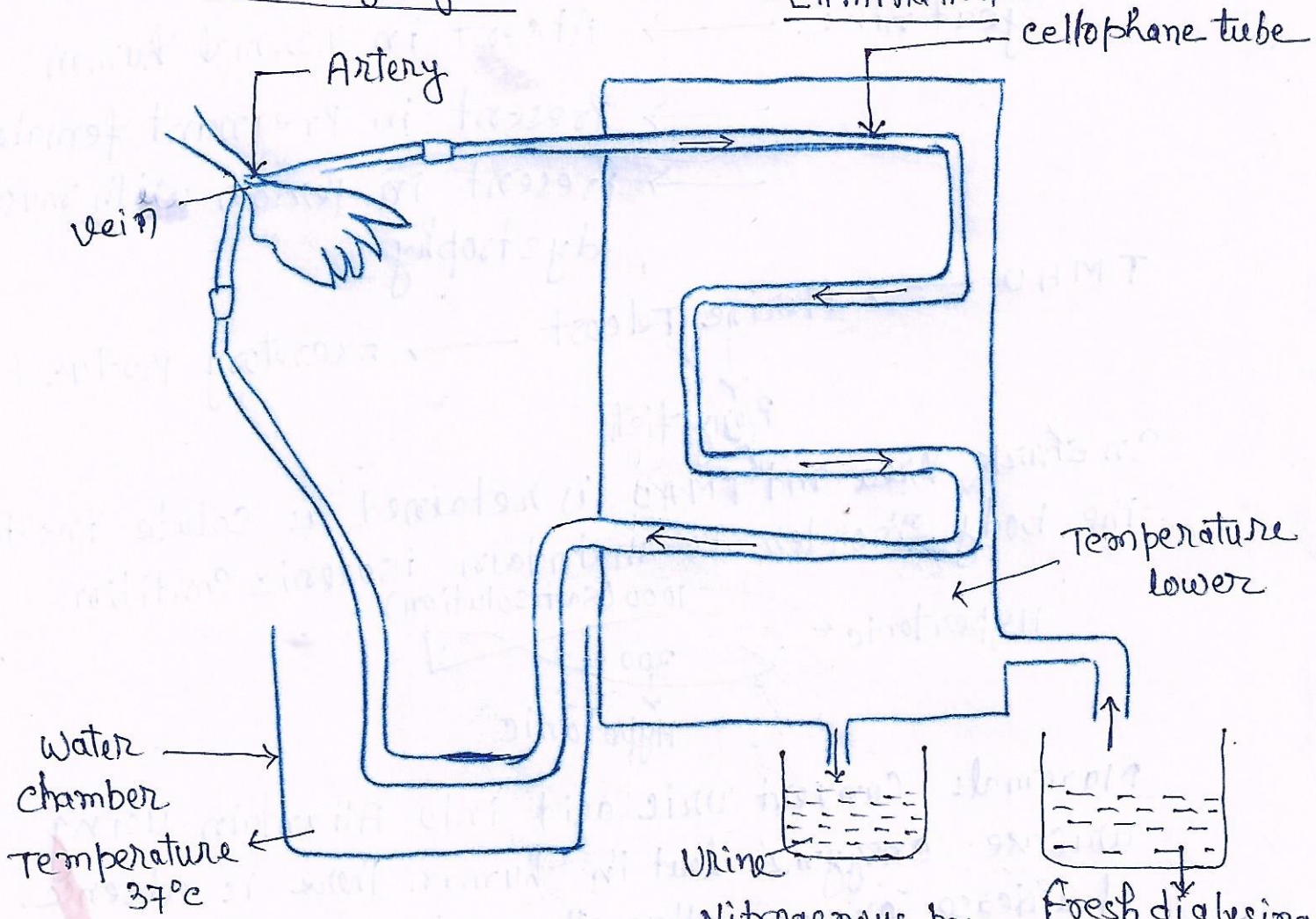


Dr. Mahesh Prasad Yadav  
Dept. of Zoology  
Subject - Biology  
Class - XI

L N M U DARBHANGA  
B.M.A. College, Baheri, Darbhanga

Date 22.09.2020

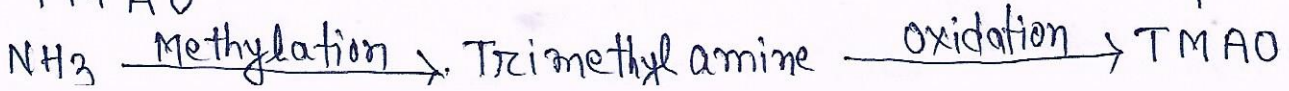
Topic :- Excretory system and their  
- Elimination



The process take 5 to 6 hours

other important point :->

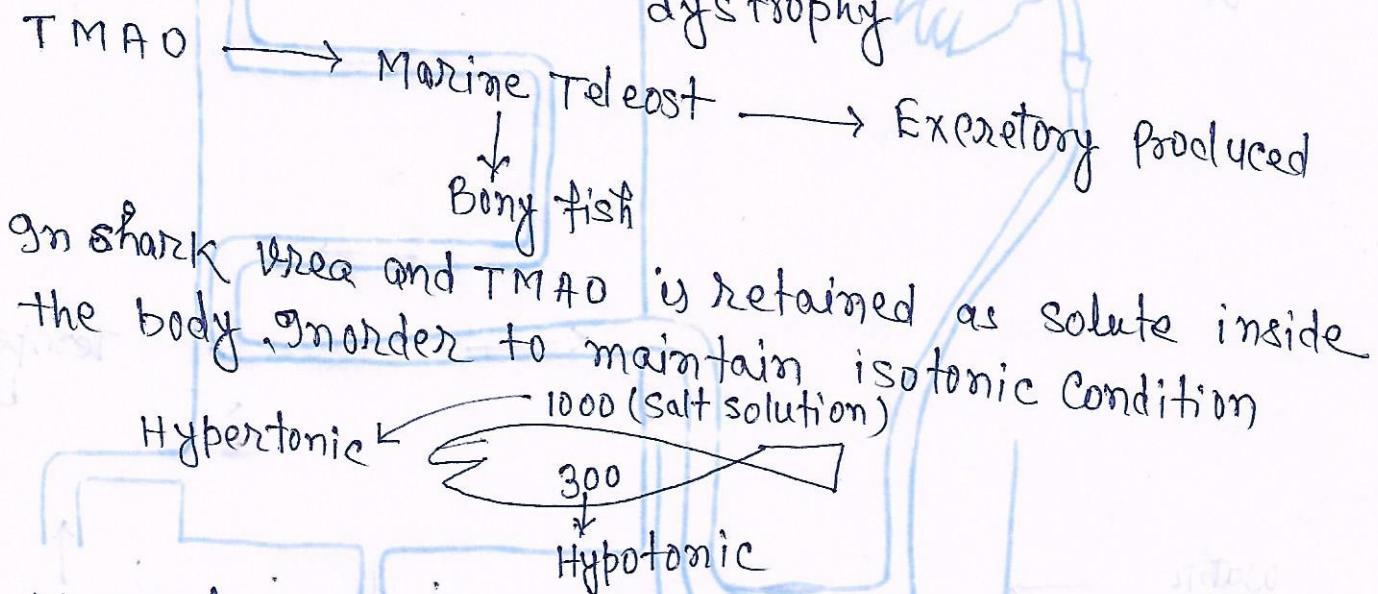
- (i) insulin
- Para amino hippuric acid both are used to check the functioning of kidney.
- (ii) Urimode  $\Rightarrow$  small of urine substance
- (iii) High Threshold value substance
- (iv) Low Threshold value substance
- (v) Non Threshold value substance
- (vi) creatinine
- (vii) TMAO



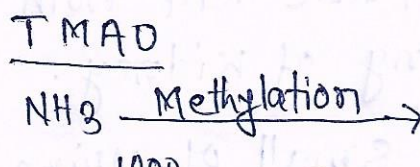
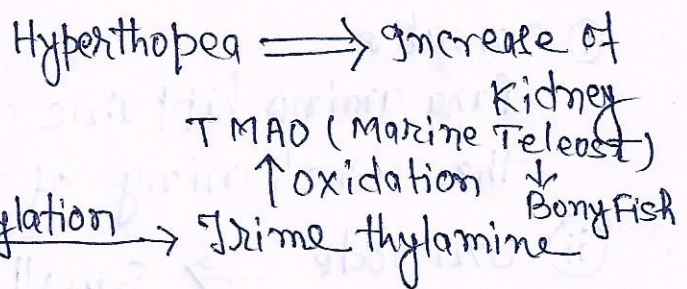
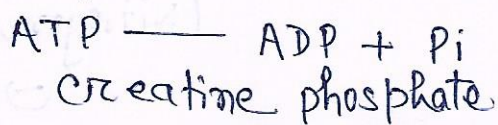
In Marine Teleost  $\uparrow$

# Excretory system and their Elimination

- (viii) Guanotelic excretor Guanine e.g - spider
- Geatinine  $\longrightarrow$  Absent in normal human
- $\longrightarrow$  Present in pregnant female
- $\longrightarrow$  Present in person with muscular dystrophy



Mammals convert uric acid into Allantoin using uricase enzyme but in human there is absence of uricase enzyme thus there is more concentration of uric acid in the human body.



Shark Ray

