**BCH 447**

**Estimation of D-xylose in urine**

**Method:**

1- Label 7 tubes and add the following to each tube:



2- Cover tubes by aluminum foil and mix the contents of each tube

3- Boiling water bath for 5 minutes

4- Cool the tubes for 1-3 min

5- Read absorbance at 475 nm against blank

**Results and calculations:**

***Total volume of sample A = 5.3 ml***

***Total volume of sample B= 5.6 ml***

***D.f= 10***

***Conc. of std = 0.01 g/ml***

$Concentration of D\\_xylose in urine= \frac{Mean abs of test }{Mean abs of std} x Conc.of std.x D.f$