**Practical Biochemistry Name:-**

**G. Science Department Third stage**

**Q1/ Fill the following blanks :-**

**1-when add conc. H2SO4 to monosaccharide or disaccharide solution formed----------------- and**

**-------------------**

**2-Burette testis used for examination of ---------------in which the color of copper sulfate**

**changes from -------------------- to -------------------.**

**3- Xanthoprotic test is specific protein in which the color changes to yellow after addition of**

**------------------- And to orange after addition of --------------.**

**4- Bial’s Test is distinguish between -------------------and -----------------**

**5- Reducing sugar is ---------------------------------------------------------------------------.**

**Q2/ Write the effects of addition of sodium Hydroxide and hydrochloric acid to starch**

**solution ? (explain with equation ).**

**Q3/ Complete the following reaction :-**

**1-Golucose + 2Cu+2 + 5OH-**

**2- Ketoses sugar +** conc. HCl **+** resorcinol

3- Tyrosine + conc.HNO3

**4- Disaccharide + 2Cu+2 + H2O**

**5- Phenyl alanine + conc. HNO3**

Lecturer

Snowber Mohammed Ahmed