**Benha University Under Graduate Exam**

**Fac. of Agric. Chemistry 2 (Biochemistry)**

**Department of Biochemistry 2015/2016**

**Answer the following questions:**

**Question one:**

**Fill in the spaces:**

* **The equation of Fehling’s test is ………….**
* **The equation of Xanthoproteic’s test is ………….**
* **We can differentiate between the saturated and unsaturated fatty acids by … (Illustrate by the equation).**

**Question two:**

**Choose the correct answer:**

* **We can detect the amino acid arginine by:**

1. **Millon’s test. 2- Hopkins-Colé’s test.**

**3- Sakaguchi’s test. 4- Ninhydrin’s test.**

* **The result of cupper acetate test with oleic acid is:**

1. **No react. 2- Two clear layers.**

**3- Blue ppt. 4- Green layer.**

**Good Luck,,,,**