King Saud University

Applied Medical Science

Clinical Laboratory Department

Cls 331/ Quiz

**Student Name: Student No.**

**A) Fill in the blanks: 5 marks**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, and \_\_\_\_\_\_\_\_\_\_\_\_\_\_affect their rate of migration in (TLC).

(The different side chains, and the solubilities)

1. Lowry method based on the presence of \_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_ in proteins and produce\_\_\_\_\_\_\_\_\_\_ colour

(tyrosine, tryptophan, a dark blue colour)

1. The sensitivity of Biuret assay is \_\_\_\_\_\_\_\_\_\_\_\_ (0.25 -200 mg)
2. A triglyceride consists of \_\_\_\_(glycerol and three fatty acids)
3. \_\_\_\_\_\_\_\_\_\_\_\_\_is enzyme which hydrolyses the fat.(Lipases)
4. Chromatography has \_\_\_\_\_\_\_\_\_\_ phase and \_\_\_\_\_\_\_\_\_ phase .

(stationary phase, a mobile phase)