King saud unaiversity

Practical exam

First semester

1433-1434 H

428 PHC

college of pharmacy

pharm chem dept

Name:……………………………………………………………………….. No : ………………….

You are provided with a sample that contain

RX

Zinc sulphate

Ascorbic acid

If you know that the reaction for each constituent goes 1:1

Calculate the concentration for each in gm %

1. **For zinc sulphate:**

Transfer 10 ml of the sample into a conical flask. Dilute with 20 ml distellide water.

Add 5 ml ammonia buffer and titrate with M/100 EDTA using E.B.T as indicator

**E.P1:**

**E.P2:**

**Average:**

**Calculation**

1. **For ascorbic acid**

Transfer 10 ml of the sample into a conical flask. Add 20 ml distilled water and 2 ml starch

Titrate with N/20 I2

**E.P1:**

**E.P2:**

**Average:**

**Calculation:**