

## **Antimicrobial Susceptibility Testing (1/11/2011) – Group E**

In the practical exam the type of the questions will be as follows:

**Q1//** What is the name of this test?

**A1//** Biochemical sensitivity test (for both **Image01** and **Image02**)

**Q2//** What is the method?

**A2//**

**Image01:** Disk diffusion Method (Kirby-Bauer)

**Image02:** Tube Dilution Method

**Q3 (for Image01 only)//** What is the antibiotic of choice?

**A3//** You should write down the code of the antibiotic with the *largest inhibition zone*, in this case it would be **(NV 30)** as in **Image01a**.

**Q4 (for Image02 only)//** Determine the **MIC** (Minimum Inhibitory Concentration)?

**A4//** Start from the most turbid test tube and determine the **first** clear tube and write down its concentration. In this case **[Image02]** it is the fourth test tube from the right.