

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.