

BOWEN UNIVERSITY, IWO
DEPARTMENT OF BIOLOGICAL SCIENCES

2010/2011 FIRST SEMESTER EXAMINATION

MCB 406: MEDICAL AND VETERINARY MICROBIOLOGY
PRACTICAL

Answer all questions.

Time: 1hr 30 mins.

1. You are provided with antibiotic sensitivity test plate(S) inoculated with *Staphylococcus aureus*. Each plate contains antibiotic discs. Measure zones of inhibition and explain your results.
2. Plates labelled 'H' contain blood agar inoculated with a pathogenic microorganism. Observe and explain your results.
3. Skin swabs were obtained from cattle and inoculated on Mannitol salt agar plates (M). Incubation was for 24 hours. Explain your observations.
4. The ear swab of a 4 year - old child was inoculated into glucose broth. Experimental = E₁; Control = E₂. Record your observations.