**2 *Microbial growth and nutrition***

**Microbial nutrition**

The biosynthesis of cellular components necessary for growth, reproduction and maintenance requires a supply

of basic nutrients and an energy source.

**Microbial growth kinetics**

Microbial growth can be defined as an orderly increase in cellular components, resulting in cell

enlargement and eventually leading to cell division. This definition is not strictly accurate as it implies that a

consequence of growth is always an increase in cell numbers.

**ANTIBIOTICS**

*Inhibition of cell wall synthesis*

*Cell membrane inhibitors*