

Level 3 Beauty Therapy Massage Homework

(To be submitted at Enrolment to the course.)

Understand the anatomy and physiology of the human cell.

The cell

1. Draw and label a diagram of the cell to include the following parts. (Large A4)

Cell membrane, cytoplasm, Golgi apparatus, rough and smooth endoplasmic reticulum, mitochondria, lysosome, vacuole, nucleus, nucleolus, nuclear pore, chromosome, deoxyribonucleic acid, centrioles (centrosome), centromere, chromatids.

2. Describe the following, a minimum of a paragraph for each.

- Characteristics of a cell:
Movement, respiration, sensitivity, growth, reproduction, excretion, nutrition, metabolism, anabolism, catabolism
- Osmosis
- Explain Mitosis including the keywords below.
Interphase, prophase, metaphase, anaphase, telophase, daughter cells.

Assessment

Ask a family member or friend to test you on **6 new words** from the above task, explain their meaning and their purpose.

Well done on completing your first A and P task for your Level 3 course.