

## **ASSIGNMENT**

1. Print out the picture of a cell from lesson 1 and label the parts of a living animal cell, including:

- Microtubule
- Cilia
- Golgi complex
- Centrioles
- Microvilli
- Glycogen
- Peroxisome
- Secretory vesicle
- Lysosome
- Mitochondrion
- Nucleus
- Nucleolus
- Chromatin
- Nuclear envelope
- Microfilament
- Free
- Cytoplasm
- ribosomes
- Endoplasmic reticulum

2. Explain in one sentence each, the function of those components of a human cell, as listed in Question 1

3. Print the unlabelled illustration Figure 1 from lesson 1 and label the components of different types of body tissues, including:

- Epithelial tissue
- Connective tissue
- Muscle tissue
- Nervous tissue

4. Prepare a summary explaining the function of the main types of human body tissues.

5. Explain, in your own words, 3 problems that can occur with different human tissues.

6. Explain cellular division (mitosis and meiosis) using your own illustrations.