

**Marks**

**Question 19 (continued)**

The cross-section method illustrated on page 14 has two processes which can reduce the contamination that may be found in water extracted from the table.

3

Label (10%) of the two processes and explain how this process reduces the risk of infection from pathogens.

Filtration is one of the processes that reduces the risk of infection from pathogens. In this process the water from the lake after going through two pounds of sand will go through a few layers of filter paper which can help the water separate from the clay. The sand and clay things that is not good for the drinking water.

**Question 20 (4 marks)**

Outline how mitosis and cell differentiation assist in the maintenance of health.

4

Mitosis and cell differentiation assist in the maintenance of health. They are very important to our health. We need mitosis and cell differentiation in our body to maintain our health, so that we have prevention to some of the diseases and they can give a balance to ~~the~~ it.