Question 20 (4 marks)

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

Mitoris occurs in germinal skin cells, in the bone marow and in the lining of the stomach producing rewalls to replace old ones which have been damaged by ald age or that have died. This provides a repair system so that body systems.

Nemain working and coordinated in the maintenance of health of an individual. Cell different ation causes tem cells to change into a fixed type of cell. I had consist in the maintenance of health by producing body cells cart of therent puntains such as such as such of muscle cells which each play a specific role in the maintenance of a coordinated body system. Also, once nerve cells differentiate they no longer undergo mitorio veducing the rish of mudations hample mutations occurring.