

2. Read through the following account relating to sexual reproduction. Write on each dotted line the most appropriate word to complete the account.

A sperm is produced by a special kind of nuclear division called.....

In this type of division the chromosome number of the normal body cell is

..... The chromosomes are assorted which increases genetic variation.

A sperm can only fertilise an egg by penetrating the jelly surrounding the egg membrane. The head of the sperm releases which allow the sperm to reach the egg membrane. This process is called the reaction. Fertilisation produces a diploid cell called a which divides by to form an embryo.

(Total 7 marks)

Q2

