



# Cells & Reproduction Week 4



In your jotter write the DATE in the margin.

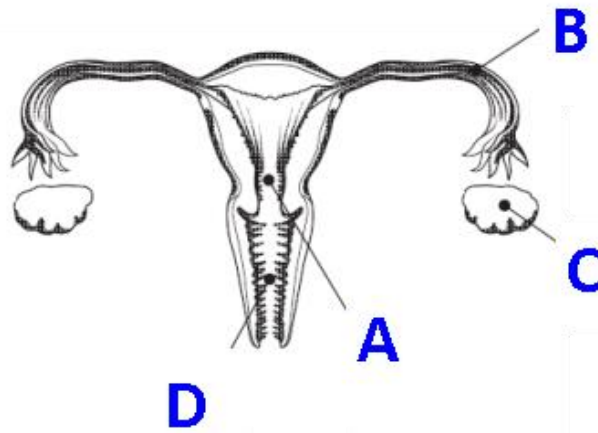
Now add a TITLE for your homework.

Your title should be the name of the Homework: Cells & Reproduction Wk 4

## Question 1.

Examine the diagram of the female reproductive system.

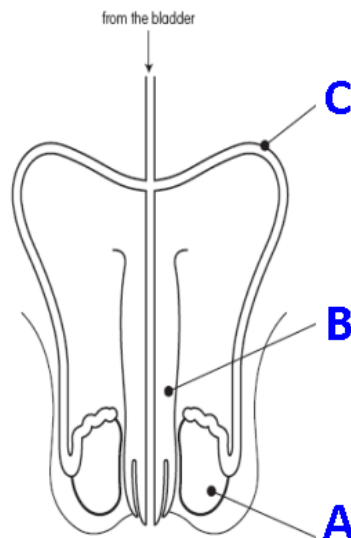
In your jotter construct a table to show the name and the function of each of the parts labelled A- D.



## Question 2.

Examine the diagram of the male reproductive system.

In your jotter construct a second table to show the name and the function of each of the parts labelled A- C.



**Question 3.**

In salmon farming, eggs and sperm extracted from adult fish are mixed together in shallow trays.

a) What process in the life cycle of the fish will take place at this stage?

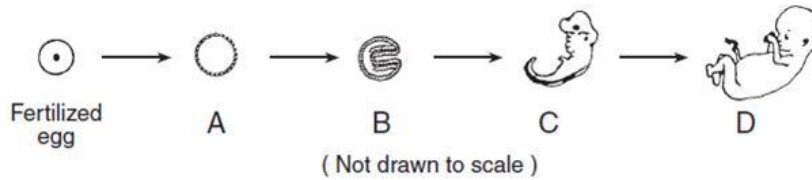
Following this step, the newly formed cell divides. The diagram below represents the results of three generations of cell division in the salmon egg.

b) How many cells should exist in the fourth generation?

c) If the cells divide regularly every 12 hours, how long will it be for there to be 64 cells?

**Question 4.**

The diagram shows four stages in the development of a human after fertilisation. Between stages A and D, which process must occur?



A Sexual reproduction

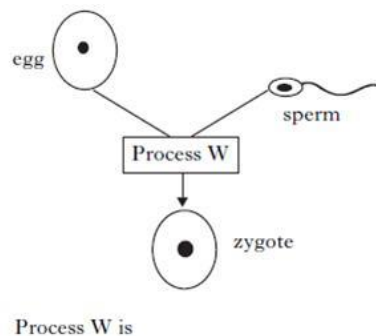
B Cell division

C Extinction

D Fertilisation

**Question 5.**

The diagram below shows a stage in the process of reproduction.



A Egg production

B Birth

C Fertilisation

D Sperm production