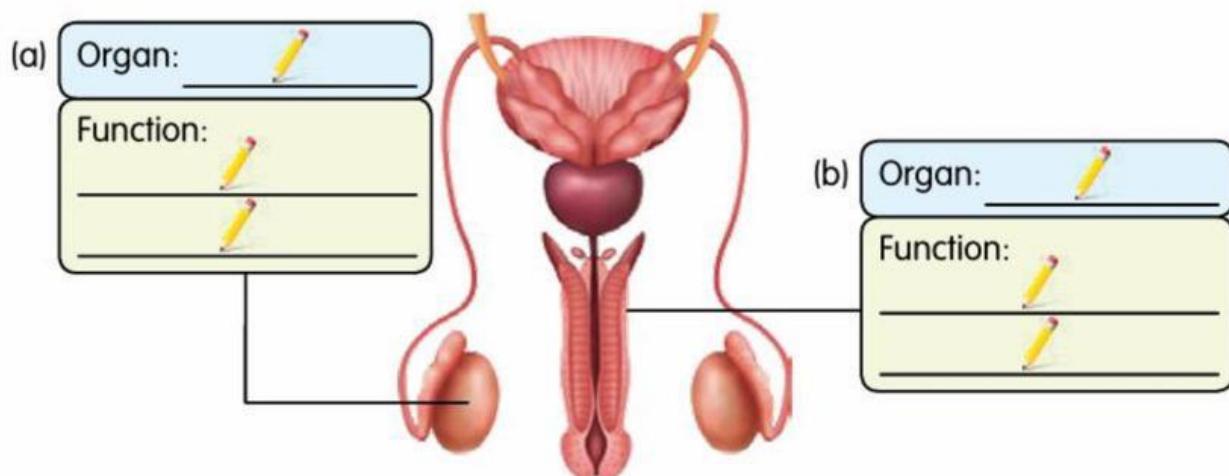


## Answer all the questions in the Science exercise book

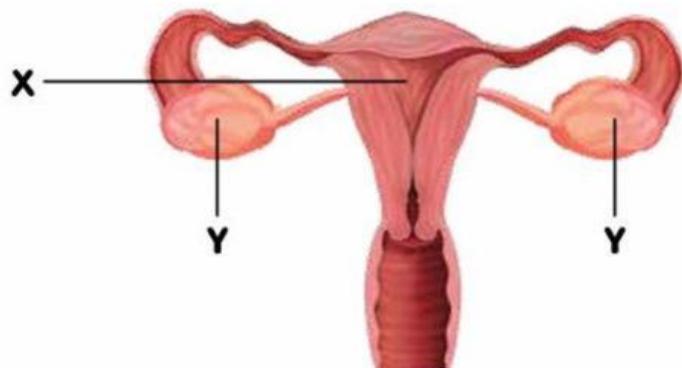
Name : \_\_\_\_\_

Date : \_\_\_\_\_

1 Label the male reproductive organs below and state their functions.



2 The diagram below shows the female reproductive organs.



(a) What happens after an ovum that is produced by Y fuses with a sperm?

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(b) What happens in X?

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(c) Due to health problems, a woman had to have both of her Y removed. Does she have an opportunity to give birth to a child? Explain your answer.

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3 Complete the process of human fertilisation until birth.

(a) The penis of the male parent releases (i) \_\_\_\_\_ into the (ii) \_\_\_\_\_ of the female parent.

(b) The sperms (i) \_\_\_\_\_ towards an (ii) \_\_\_\_\_ and one sperm will (iii) \_\_\_\_\_ with the ovum.

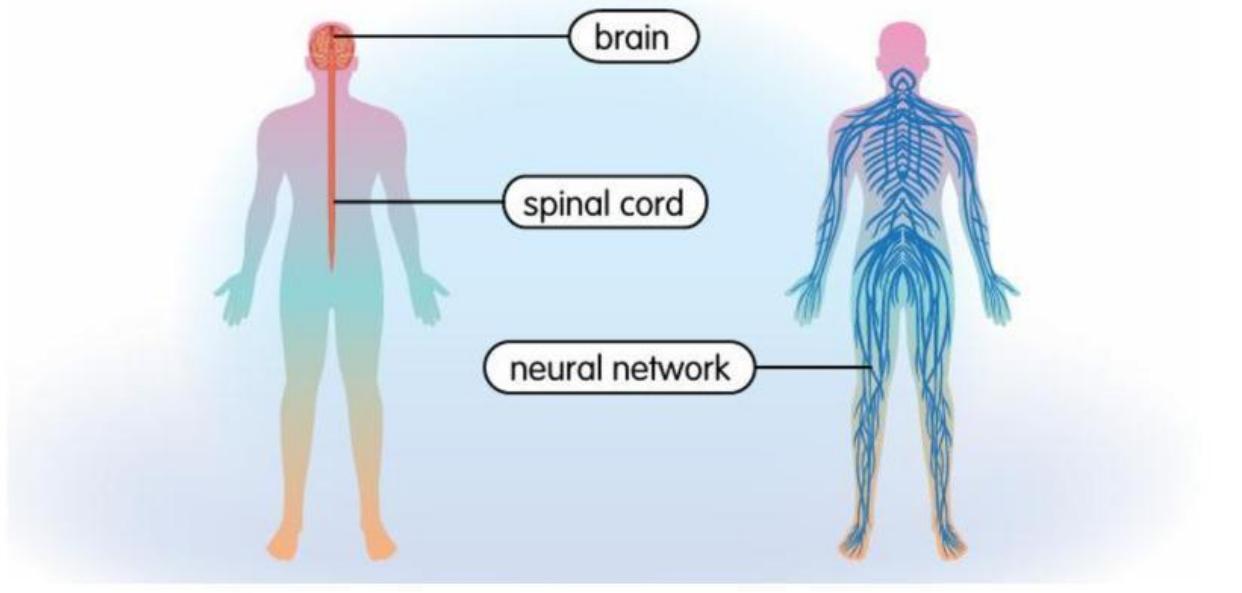
(c) The (i) \_\_\_\_\_ that has been fertilised by a sperm is known as a (ii) \_\_\_\_\_.

(d) The (i) \_\_\_\_\_ develops in the uterus of the mother to form a (ii) \_\_\_\_\_.

(e) The (i) \_\_\_\_\_ remains in the uterus of the mother for about (ii) \_\_\_\_\_ months until its organs are completely developed.

(f) The mother gives birth to the (i) \_\_\_\_\_ which is now known as a (ii) \_\_\_\_\_.

4 Name the human nervous system below.



(a) \_\_\_\_\_

(b) \_\_\_\_\_

5 Explain the type of nervous system and the signal pathway involved in each situation.

**Situation A:** Zaimi immediately pulled his hand away when he touched a hot kettle.

**Situation B:** Siti heard her phone ring and she picked it up.

(a) Situation A  
\_\_\_\_\_

(b) Situation B  
\_\_\_\_\_