TOPIC: SEXUAL REPRODUCTION IN HUMAN

EXERCISE: OVULATION, FERTILISATION, IMPLANTATION, DEVELOPMENT OF FOETUS AND BIRTH

1. *Figure 1* shows the first stages of sexual reproduction in a human.

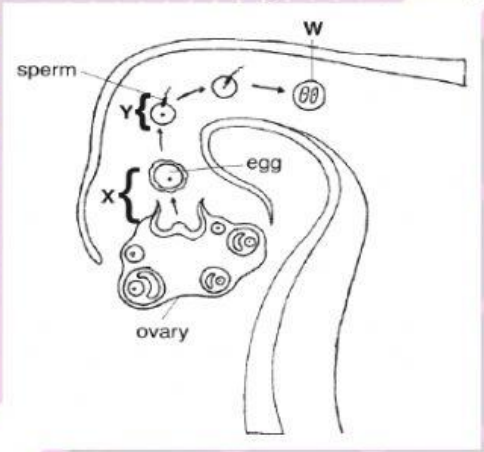


Figure 1

Name the processes X and Y and the product formed, W.

	Process X	Process Y	Product formed, W
A.	Ovulation	Fertilisation	Zygote
B.	Fertilisation	Menstruation	Ovum
C.	Menstruation	Ovulation	Zygote
D.	Ovulation	Menstruation	Foetus

2. *Figure 2* shows the female reproductive system. Where does fertilisation occur?

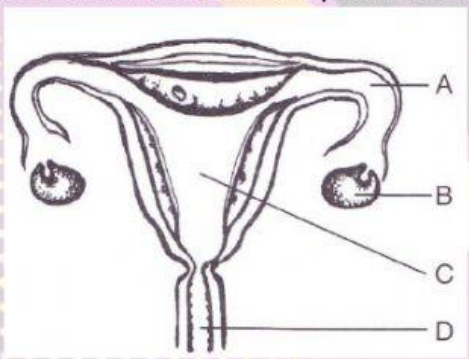


Figure 2

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3. In the process of human reproduction the male sex cell fuses with the female sex cell to form a fertilized egg. What is the term used to describe this process?
   A. Fertilisation **C.** Ovulation
   B. Menstruation **D.** Pollination

4. What is the pear-shaped muscular structure where the foetus develops during pregnancy?
   A. Ovary **C.** Uterus
   B. Cervix **D.** Fallopian tube

5. Which of the following female reproductive organs is correctly matched to its function?
   A. Oviduct - passage that discharge menstrual blood.
   B. Vagina - passage for birth of a baby.
   C. Uterus - produces eggs and sex hormones.
   D. Ovary - tube where sperms are deposited.

6. *Figure 3* below shows the female reproductive system. Which part produces the egg?

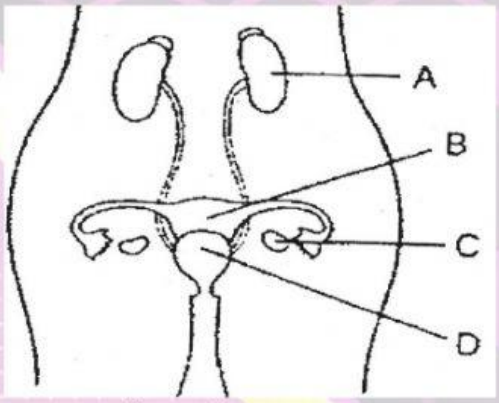


Figure 3

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7. In which parts of the female reproductive system do these events take place?

	Egg production	Development of embryo	Fertilisation
A.	Cervix	Ovary	Uterus
B.	Ovary	Uterus	Oviduct
C.	Oviduct	Cervix	Ovary
D.	Uterus	Oviduct	Cervix

8. Which of the following stages is the correct sequence in the reproduction process of a human being?
   - **A.** Ovulation → fertilisation → cell division → implantation.
   - **B.** Ovulation → fertilisation → implantation → cell division
   - **C.** Fertilisation → ovulation → cell division → implantation.
   - **D.** Fertilisation → ovulation → implantation → cell division.

9. What happens immediately after fertilisation has occurred in the Fallopian tube?
   - **A.** The fertilised egg is pushed down the Fallopian tube.
   - **B.** Menstruation begins to take place.
   - **C.** The fertilised egg develops into the foetus.
   - **D.** The uterus lining thickens

10. The following are stages in the reproduction process in humans. Arrange them in the correct order.
    - I. One of the million sperms meets with an ovum coming down the oviduct and fertilises it.
    - II. The zygote takes time to develop into a fully developed foetus inside the uterus.
    - III. Sperms deposited in the vagina swim up the uterus to the oviduct.
    - IV. The zygote reaches the uterus to firmly attach itself to the uterus wall.
    - V. The full term foetus is ready to be born.

    - **A.** III → II → I → IV → V
    - **B.** III → I → II → IV → V
    - **C.** III → I → IV → II → V
    - **D.** III → I → IV → V → II

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