



The National
Orthodox School
Shmaisani

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Subject: Science/ Biology

Name:

Worksheet : Reproduction in humans

Date:

Grade-Section: 8 CS- all sections

Objective : Be able to answer questions about reproduction in humans

Command words :

Demonstrate : make clear by reasoning or evidence

Organize : put ideas or information into a proper order .

Q1. Complete the flow chart below to show the path eggs take when they leave the ovary

Ovary → oviduct → uterus.

Q2. Describe what happens during fertilization ?

A sperm nucleus from the father enters an egg cell from the mother and **the sperm and egg nuclei fuse to form a fertilised egg (zygote) .**

Q3. Where does fertilization usually happen ?

Fertilisation usually happens in the oviduct.

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Q4. What happens to eggs and sperm if they don't meet ?

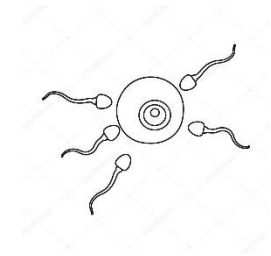
Eggs and sperm die if they don't meet.

Q5. What is a baby called when it first starts to grow ?

A baby is called an embryo when it first starts to grow.

Q6. Demonstrate how are egg cells and sperms suited to their function ?

Sperms have A streamlined head and tail help sperm to swim well to reach the eggs .

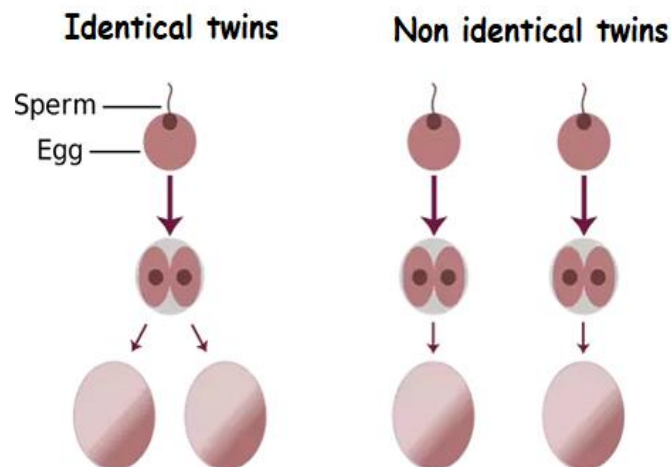


Eggs have a large food store which the embryo needs for growth and a jelly layer to attract the sperm.

Q7. When does an embryo implant in the wall of the uterus ?

An embryo implants one week after fertilisation.

Q8. Draw diagrams to show identical and non – identical twins form ?



Q9. A woman had three babies – two identical girls and a boy . How could that happen ?

Her ovaries would have released two eggs, which both got fertilised. One of the fertilised eggs divided and split early on in development. This produced two identical twins. The other fertilised egg developed into the baby boy.

**Q10. Organize the following events that occur in the menstrual cycle .
Start with : An egg begins to mature in one of the ovaries .**

- 1 An egg begins to mature in one of the ovaries
- 4 A thick uterus lining is maintained ready for an embryo to implant in
- 2 A new uterus lining builds up
- 5 If an embryo does not implant, the thick lining of the uterus breaks down
- 6 Bleeding occurs
- 3 An egg is released from one of the ovaries