

REPRODUCTION IN ANIMALS

I. TECHNICAL TERMS

1. **Metamorphosis** - Transformation of the larva into an adult through drastic changes.
2. **Hermaphrodites** - Organisms having Male and female sex organs in the same body.
3. **foetus** - The stage of embryo when all body parts can be identified.
4. **External Fertilization** - fertilization that occurs outside the body of the organism.

II. Answer the following :

1. **Name the reproductive organs of the humane female.**
Ans The reproductive organs of the human female are ovaries, oviduct, uterus and vagina.

2. **Describe the Viviparous and Oviparous animals**
Ans **Viviparous animals** - The animals which give birth to young ones are called Viviparous animals.
Oviparous animals - The animals which lay eggs which later develop into the young ones are called Oviparous animals.

3. **Why is reproduction important ?**

Ans Reproduction is important because only through this process life continues from generation to generation.

III Give Reason:

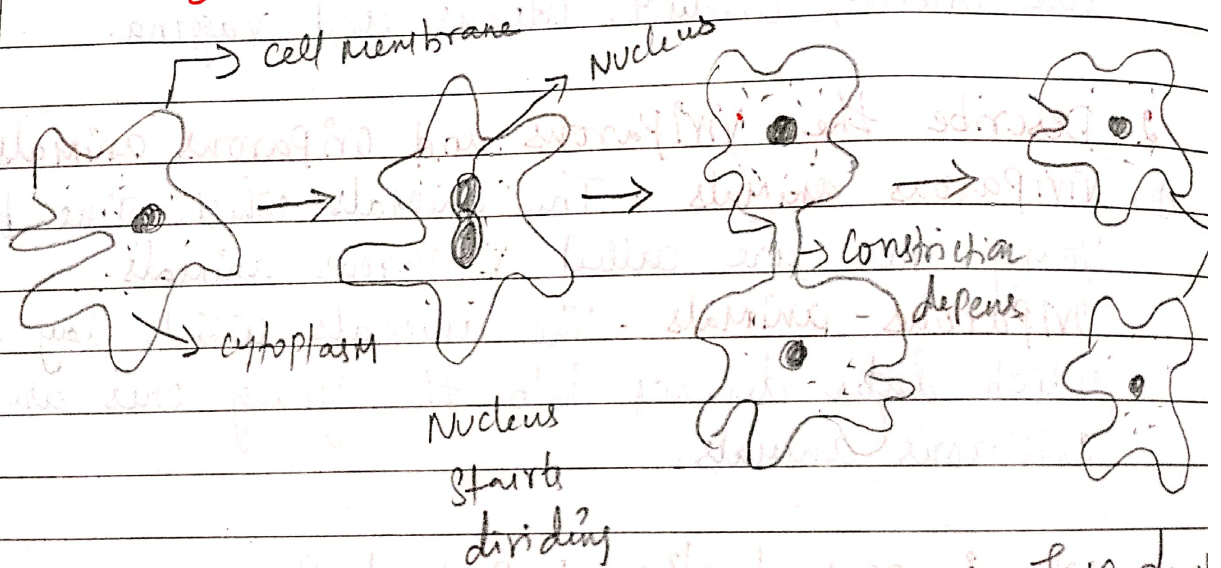
1. Can a woman with blocked fallopian tubes get pregnant?

Ans

No, a woman with blocked fallopian tube can't be pregnant because each month, when ovulation occurs, an egg is released from one of the ovaries. The egg travels from the ovary, through the tubes, and into the uterus. The sperm also needs to swim its way from the cervix, through the uterus, and through the fallopian tubes to get to the egg. Fertilization usually takes place while the egg is travelling through the tube.

If one or both fallopian tubes are blocked, the egg cannot reach the uterus, and the sperm cannot reach the egg, preventing fertilization and pregnancy.

IV Draw a neat labelled diagram showing the process of binary fission in Amoeba.



Note → Refer diagram 3 Textbook pg. 119

Amoeba