

Name: _____ Date: _____

Reproduction in Animals

Q1. Which life process ensures that a plant or animal species will not disappear from the earth?

Ans. _____

Q2. Explain the importance of reproduction in organisms.

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Q3. What is an embryo?

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Q4. Name the technique which is used to help a woman with blocked oviducts to have a baby.

Ans. _____

Q5. Describe the process of fertilization in human beings.

Ans. _____

Reproduction in Animals

Q1. Which life process ensures that a plant or animal species will not disappear from the earth?

Ans. Reproduction is the life process ensures that a plant or animal species will not disappear from the earth.

Q2. Explain the importance of reproduction in organisms.

Ans. Reproduction is essential for the continuation of a species. It ensures the continuation of similar kinds of individuals, generation after generation.

Q3. What is an embryo?

Ans. The zygote divides repeatedly to give rise to a ball of cells. The cells then begin to form groups that develop into different tissues and organs of the body. This developing structure is termed as an embryo.

Q4. Name the technique which is used to help a woman with blocked oviducts to have a baby.

Ans. IVF or in vitro fertilization (fertilization outside the body) is the technique which is used to help a woman with blocked oviducts to have a baby.

Q5. Describe the process of fertilization in human beings.

Ans. The first step in the process of reproduction is the fusion of a sperm and an ovum. When sperms come in contact with an egg, one of the sperms may fuse with the egg. Such fusion of the egg and the sperm is called fertilization. During fertilization, the nuclei of the sperm and the egg fuse to form a single nucleus. This results in the formation of a fertilized egg or zygote.