

Chapter 9

REPRODUCTION IN ANIMALS

Keywords/Definitions:

ASEXUAL REPRODUCTION:

Reproduction in which only a single parent is involved is called asexual reproduction.

BINARY FISSION:

A single celled organism. It begins the process of reproduction by the division of its nucleus into 2 nuclei. Single parent divided into 2 new daughter cells with this nucleus. During this reproductive process single parent amoeba divides into 2-daughter amoeba. This type of reproductive process is called – Binary fission.

BUDDING:

In each Hydra, there may be one or more bulges. Bulges are the developing new individual called buds.

Reproduction in which only a single parent is involved is called a sexual reproduction. In hydra this type of process is called budding.

EMBRYO:

CLASS_VIII

Zygote divides to give rise to a ball of cells which became embryo.

EXTERNAL FERTILISATION:

Fusion of a male & female gamete takes place outside the body of female is called external fertilization. These cells begin to form groups that develop into different tissues and organs of the body. This developing structure termed as embryo.

FERTILISATION:

Fertilization is the first step in the process of reproduction. Fertilization, when sperms come in contact with an egg.

OVIPAROUS ANIMALS:

Animals, which lay eggs.

E.g., Frog, Butterfly, Lizards

SEXUAL REPRODUCTION:

Reproduction beginning from the fusion of male & female gametes, called sexual reproduction.

VIVIPAROUS ANIMALS:

Animals, which give birth to young ones.

E.g., Cow, Dog, and Cat