

INTERNATIONAL INDIAN SCHOOL – DAMMAM

CLASS : VIII

BMS

SUB: G. SCIENCE

L-9 REPRODUCTION IN ANIMALS

WORKSHEET

I. Name the following:

1. The two modes by which animals reproduce.
2. The male gametes.
3. The female gametes.
4. The fertilised egg.
5. Animals which lay eggs.
6. Animals which give birth to young ones.
7. The process of transformation of larva into an adult through drastic changes.
8. The first mammal to be cloned.
9. The bulges observed on the sides of the body of hydra.
10. The stage of the embryo in which all the body parts are identified.

II. Fill in the blanks:

1. Reproduction resulting from the fusion of male and female gametes is called _____.
2. The male reproductive organs include _____ & _____.
3. The female reproductive organs are _____ & _____.
4. The fusion of egg and sperm is called _____.
5. _____ egg is the largest.
6. The zygote divides repeatedly to give rise to an _____.
7. Fertilisation that takes place inside the female body is called _____.
8. Cloning of an animal was successfully performed for the first time by _____.
9. Babies born through IVF technique are called _____.
10. _____ is essential for continuation of species.

III. Match the following:

- | | |
|-------------|------------|
| 1. Hydra | Oviparous |
| 2. Silkworm | Budding |
| 3. Hen | Viviparous |

Cont....

4. Amoeba Metamorphosis
5. Dog Binary Fission

IV. Choose the correct option

1. The type of asexual reproduction in Hydra.
(a) Binary Fission (b) Budding (c) Spore Formation.
2. The type of asexual reproduction in Amoeba.
(a) Fragmentation (b) Budding (c) Binary Fission (d) Spore Formation.
3. Fertilised egg is called.
(a) Foetus (b) Zygote (c) Gamete (d) Embryo.
4. A larva develops into an adult by the process of :
(a) Fertilisation (b) Budding (c) Metamorphosis (d) Binary Fission.
5. Internal fertilisation occurs in:
(a) Cows (b) Fish (c) Humans (d) Both a and c.

V. Complete the life cycle of the following:

- (a) Silkworm: egg _____, _____
(b) Frog : egg _____, _____

VI. State True or False. If false correct the statement.

1. Fertilisation that takes place outside the female body is called internal fertilisation.
2. Sperm is a single cell.
3. The type of reproduction in which a single parent is involved is called sexual reproduction.
4. External fertilisation takes place in hens.
5. Amoeba is a multi cellular organism.

VII. Answer the following:

1. Why do fishes and frogs lay eggs in hundreds.
2. Differentiate between:
(a) Sexual and asexual reproduction.
(b) Internal and external fertilisation.
(c) Oviparous and viviparous animals.
3. Define (a) Budding (b) Binary Fission (c) Metamorphosis.