

BIJENDRA PUBLIC SCHOOL

Class - 5

Subject - SCIENCE

Chapter - 2 REPRODUCTION IN ANIMALS

- A. 1. Circle the correct answer.
- a. This animal reproduces by giving birth to young ones.
Ans. ii. Cow
- b. A change of form in the life cycle of animals is called this.
Ans. iv. Metamorphosis
- c. Life cycle of a frog has this stage
Ans. ii. Spawn
- d. The transparent substance filled inside the egg is this.
Ans. ii. Albumen
2. Match the following.
- a. Humans - Babies
b. Frog - Tadpole
c. Butterfly - Caterpillar
d. Hen - Chick
e. Snake - Eggs
3. Rewrite the sentences in the correct order.
- a. Snakes and hens give birth to young ones.
Ans. Snakes and hens lay eggs.
- b. The eggs of a hen hatch to form a tadpole.
Ans. The eggs of a frog hatch to form a tadpole.
- c. The pupa of a butterfly grows into a caterpillar.
Ans. The caterpillar of a butterfly grows into a pupa.
- d. The tadpole looks exactly like the adult frog.
Ans. The tadpole looks different from an adult frog.
4. Tick the odd one.
- a. Frog, Snake, Elephant, Hen
Ans. Elephant
- b. Frog, Cat, Dog, Humans
Ans. Frog
- c. Pupa, Caterpillar, Eggs, Tadpole
Ans. Tadpole
- d. Albumen, Yolk, Cocoon, Egg shell
Ans. Cocoon

5. Give one word answers -

a. The group of animals that give birth to young ones.

Ans. Mammals

b. The white substance found in a hen's egg.

Ans. Albumen

c. The stages through which an embryo develops into an adult

Ans. Life cycle

d. A change of form in the life cycle of animals.

Ans. Metamorphosis

6. Give two examples for each of the following.

a. Animals that give birth to young ones.

Ans. **Cow** **Goat**

b. Animals that lay eggs

Ans. **Hen** **Snake**

c. Animals that show metamorphosis

Ans. **Frog** **Butterfly**

B. Subjective - type questions

1. Short answer questions.

a. Briefly describe the parts of a hen's egg with the help of a diagram.

Ans. A hen's egg is covered with a thin, but hard covering called the egg shell. A white jelly like substance called albumen lies inside the egg shell. The yellow portion in the centre is the yolk. The albumen and yolk help the embryo to grow into a chick.

b. What do you mean by metamorphosis?

Ans. A change of form in the life cycle of animals is called metamorphosis. Some animals like the frog and butterfly show metamorphosis.

c. Write two ways in which a tadpole is different from an adult frog.

Ans. i. A tadpole has no limbs, whereas an adult frog has limbs.

ii. A tadpole has a tail which is absent in an adult frog.

2. Long answer questions.

a. Briefly describe the life cycle of a hen using a labelled diagram.

Ans. i. The adult hen lay eggs and sits on them to warm it.

ii. The embryo develops inside the egg.

iii. When the embryo develops fully, the chick hatches out.

iv. The chick eats and grows into an adult hen.

Note - Draw the diagram of life cycle of a hen. (Page - 20)

b. Explain the life cycle of a butterfly with the help of a labelled diagram.

Ans, i. A female butterfly lay eggs.

ii. Eggs develop into the caterpillar.

iii. The caterpillar changes into the pupa.

iv. The pupa changes into an adult butterfly.

Note - Draw the diagram of life cycle of a butterfly. (Page - 21)

c. Draw a neat and labelled diagram showing the life cycle of a frog.

Ans. Note - Draw the diagram of life cycle of a frog. (Page - 21)