

CLASS IV SCIENCE WORKSHEET

Q1. Tick the correct options:

- In the life cycle of a butterfly, which of the following changes into a pupa?
(a) Embryo (b) Eggs (c) Caterpillar (d) Adult Butterfly
- The primary consumers of the food chain are _____ .
(a) Animals (b) Humans (c) Plants (d) Herbivores
- The winter sleep of animals to save energy and survive the winter season without eating much is called _____ .
(a) Migration (b) Hibernation (c) Camouflage (d) Adaptation
- Scavengers are also known as _____ .
(a) Carnivores (b) Herbivores (c) Parasites (d) Decomposers
- Cereals like maize and wheat belong to _____ .
(a) Plains (b) Grass (c) Marshy Lands (d) Desert
- Which of these is **not true** about the adaptation of fixed plants?
(a) Leaves do not have a waxy coating (b) Flexible stem (c) Provide nesting place (d) Plate-like leaves
- Coir is obtained from _____ .
(a) Jute (b) Cotton (c) Coconut (d) Silkworms
- Which of the following is prepared from coal, water and air?
(a) Polyester (b) Rayon (c) Jute (d) Nylon

Q2. True/false:

- The fur removal process to obtain wool is called shearing.
- Phirans are worn by women of Punjab.
- A larva is the young one of a mosquito.
- Gir National Park is in Uttarakhand.
- Marshy area plants have aerial roots.
- Prickly pear and aloe vera are found in hot and damp areas.
- Some migratory birds are Arctic Tern and Siberian Crane.
- Monkeys, sloths and squirrels are terrestrial animals.

Q3. Match the following:

- | | |
|------------------------------|------------------|
| 1. Insectivorous Plant | a. Leeches |
| 2. Underwater Plant | b. Spawn |
| 3. Covering of Pupa | c. Assam |
| 4. Ranthambore National Park | d. Venus Flytrap |
| 5. Cluster of Eggs | e. Tigers |
| 6. Parasite | f. Hydrilla |
| 7. Mekhela | g. Japan |
| 8. Kimono | h. Cocoon |

Q4. Fill in the blanks:

1. A _____ is the natural surrounding of a plant or an animal.
2. _____ is the process in which living beings produce young ones of their own kind.
3. The extra transparent eyelid protects the polar bear from _____ .
4. Fibres like nylon and polyester are _____ fibres.
5. Rattle snakes go underground in their holes during daytime to escape _____.
6. _____ is a herbivore scavenger.
7. Silk worms feed on the _____ leaves.
8. _____ is the traditional dress of Japan.
9. _____ lay their eggs on the surface of still water.
10. _____ is the pupa of a butterfly.
11. _____ is an example of fixed aquatic plants.
12. _____ grows in marshy areas.

Q5. Give one word answer:

- a) Algae and Wolfia are an example of- _____
- b) Egg Laying mammal. _____
- c) The colourful part of a flower. _____
- d) Part of a plant that is reduced to spines in case of desert plants. _____
- e) Animals that give birth to their young ones and feed them their own milk. _____
- f) Two ways of reproduction. _____
- g) Any two National parks of India. _____

Q6. Case Study:

"The mass movement of some animals and birds over a long distance is called migration.

Examples- Arctic Tern , Siberian Crane , Locusts , Monarch butterfly etc".

Based on your understanding , answer the questions given below:

- Why do animals migrate?
- Name the following:
 1. The longest migratory bird.
 2. The bird that migrate to India.
 3. Migratory insects that are harmful to crops and are consider enemy of farmers.
 4. Where does Monarch butterfly migrates?
 - 1.

Q7. Give reasons:

1. Naphthalene balls should be placed between the folds of woollen clothes.
2. Floating plants have spongy leaves.
3. Fishes have overlapping scales.
4. It is essential for living beings to produce their young ones.
5. Camels have hump on their body.
6. Why do animals reproduce?

Q8. Differentiate between:

- (a) Natural Fibres and Synthetic Fibres
- (b) Carnivores and scavengers
- (c) Terrestrial and Aquatic Plants

Q9. Answer the following:

1. Where is stomata present in underwater plants? Why?
2. Explain the life cycle of a butterfly.
3. List the adaptations of a fish.
4. Specify 4 ways in which we can take care of our clothes.
5. Write five features of box jelly fish.
6. What is sericulture?
7. Give three uses of grass.
8. How do plants in desert adapt to their environment?
9. What is a food chain? Give examples.

Q10. Draw, colour and label-

- a) the structure of an egg.
- b) Life cycle of butterfly
- c) Food chain
- d) Life cycle of a frog.