

NEW ERA PUBLIC SCHOOL RAIBAGHSolved Assignment of Unit - IIIrd, '2021'Topic :- Reproduction in AnimalsCLASS :- 4thSUBJECT :- SCIENCELesson no. :- 09

(A) Answer the following questions.

Q1 How is the albumen useful?

Ans Albumen protects the embryo and provides water and protein to it.

Q2 How do birds hatch their eggs?

Ans After the eggs are laid, one of the parent birds, usually the mother, sits on them to keep them warm. This is called incubation. The baby birds start growing inside the eggs. After a few weeks, when the baby birds are fully developed, they break open the shell and comes out.

Q3 Name two animals that lay their eggs in water.

Ans Fishes and frogs are the two animals that lay their eggs in water.

Q4 What is a tadpole? What does it look like?

Ans A tadpole is the larva of a frog. It looks like a fish.

Q5 Name all the stages in the life-cycle of the following animals.

- (i) a butterfly (ii) a Cockroach

Ans i) Stages in the life-cycle of a butterfly.

(P.T.O.)

- 1.) Eggs
- 2.) Caterpillar
- 3.) Pupa.
- 4.) Adult butterfly

(ii) Stages in the life-cycle of a Cockroach

- 1.) Egg
- 2.) Nymph
- 3.) Adult Cockroach.

(A) Multiple choice questions.

Answers

- 1.) (c) Cat
- 2.) d) All of these
- 3.) b) Nymph.
- 4.) b) butterfly
- 5.) a) Crocodile.

(B) Fill in the blanks.

Answers

- 1.) Mammals
- 2.) Yolk
- 3.) tadpole
- 4.) Nymph
- 5.) Caterpillar

(C) Mark '✓' for true and 'X' for false statements

Answers

- 1.) X
- 2.) ✓
- 3.) ✓
- 4.) ✓

Topic :- SAFETY AND FIRST AID

Lesson no. :- 10

Answer the following questions.

(P.T.O)

Q1 Name two things at home that are useful, but dangerous if used carelessly.

Ans Knives and electricity are the two things at home that are useful, but dangerous if used carelessly.

Q2 What are the main dangers in the bathroom?

Ans The main dangers in the bathroom are from slipping on the wet floor, and from electric gadgets such as water heaters and geysers.

Q3 What safety rules will you follow if you have to cross a road?

Ans We should follow the following safety rules while crossing the road.

1, Always walk on the footpath.

2, Cross the road only at the zebra crossing.

3, Obey the traffic lights.

Q4 What is first aid?

Ans First aid is the immediate help given to sick or an injured person.

Q5 What will you do to help your friend who has a minor burn on his/her hand?

Ans I will place the burnt area under cool running water for several minutes and then apply an antiseptic spray to soothe the area.

(A) Multiple choice questions

(P.T.O)

Answers

- 1.) c) read a book. 2.) c) electric switch
 3.) c) run across the road. 4.) d) all of these
 5.) b) a nosebleed.

(B) Mark '✓' for true and 'X' for false statements

- 1.) X 2.) ✓ 3.) X 4.) ✓ 5.) ✓ 6.) X

(C) Fill in the blanks:

- 1.) Stale 2.) Zebra 3.) traffic 4.) ice pack.

Topic :- Force, Work and Energy
Lesson no. :- 11

Answer the following questions

Q1 List four things that force can do.

Ans A force can move an object, stop a moving object, change the direction of a moving object and change the shape of an object.

Q2 When you throw a stone up in the air, it comes down. Why?

Ans This is because a force called gravity acts on it. This force pulls the stone down.

Q3 Name three simple machines. Give an example of each of them.

(P.T.O)

Simple Machines

- 1.) Lever
- 2.) Wheel and axle
- 3.) Inclined plane

Examples

Scissors.
Doorknobs.
playground slide.

Q4 Name three forms of energy. Mention a use of each of them.

Three forms of energy

1.) Heat energy

2.) Light energy

3.) Electric energy

Uses

It is used to cook food, and to run cars and trains.

We use light energy to see. Plants use light energy from the sun to make food.

It is used for heating and lighting

Q5 Explain how the energy we get from food comes indirectly from the sun.

Ans The sun gives us heat and light energy. Plants use light from the sun to make food. The food we eat comes directly or indirectly from the plants. When we eat food, we get energy to do work. So we can say

(P.T.O)

that the energy we get from food comes indirectly from the sun.

(A) Multiple choice questions

Answers

- 1.) c, force of gravity 2.) a, levers 3.) d, all of these
4.) c, light 5.) c, water.

(B) Mark '✓' for true and 'X' for false statements.

- 1.) X 2.) ✓ 3.) X 4.) ✓ 5.) X

(C) Fill in the blanks.

Answers.

- 1.) push, pull 2.) friction 3.) work 4.) Inclined-plane
5.) Fuels.

(D) Name the following

- 1.) Heat energy 2.) light energy 3.) electric energy.
4.) Solar energy.

PERIODIC TEST 2

Page no. 121

Q1 Give an example of an arboreal animal.
Ans Squirrel is an example of an arboreal animal.

Q2 Name an animal that uses camouflage to hide from other animals.

(P.T.O)

Ans Chameleon is an animal that uses camouflage to hide from other animals.

Q3 What is metamorphosis? Name an animal that undergoes this process.

Ans The process by which an animal goes through several stages to become an adult is called metamorphosis. Frog undergoes this process.

Q4 What is a habitat? Give one example each of a terrestrial and an aquatic habitat.

Ans The surroundings or the environment in which an animal or a plant lives is called its habitat. Grassland is an example of a terrestrial habitat and river is an example of an aquatic habitat.

Q5 How do the following animals breathe?

Ans i, Camel breathe through lungs.

ii, Fish breathe through gills.

iii, Frog breathe through lungs on land while in water they breathe through their skin.

Q6 Imagine a place where there are no rules to follow. Do you think it will be fun to live in such a place? why?

Ans No, it would not be a fun to live in such a place because a place without any rules could be dangerous for anyone. We can do whatever we want without

(P.T.O)

thinking of the society and our rights can easily be violated.

Q7 Describe the life-cycle of a frog.

Ans The life-cycle of a frog begins with a fertilized egg. The egg develops into a tadpole. They look like fish and swim in the water. After a few weeks, the tadpole develops into an immature frog. As the immature frog develops it is transformed through the process of metamorphosis into an adult frog.

PRACTICE THE CHAPTER WISE DIAGRAM ALONG WITH LABELLING OF THE FOLLOWING

- a) Life-cycle of a frog. — Page no. 70
- b) Life-cycle of a butterfly — Page no. 71
- c) Three simple machines — Page no. 85, 86

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