



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

2nd Term Test - 2019



Sub : Science

Class : 4 A, B & C

F.M. : 45

Duration : 1.30 mins

Date : 09.08.2019

MODEL ANSWERS

Roll No:

(Marks will be deducted for untidy work and work not done in systematic manner).

SECTION - A

1. FILL IN THE BLANKS.

(3)

- A female cockroach lays its eggs in a **Case**
- Animals that live both on land and in water are known as **Amphibian**
- Chicken pickle is preserved with **salt** and oil.

2. NAME THE FOLLOWING.

(4)

- The acid eats into the enamel and causes a Cavity
- A young cockroach is called Nymph
- Shedding of skin is known as Moulting
- Iron helps in the formation of Haemoglobin

3. WRITE TRUE OR FALSE FOR THE FOLLOWING

(3)

- The yolk contains a developing baby called albumen. False
- Matter is made up of tiny particles called molecules. True
- Lizards lay eggs. True

SECTION - B

4. ANSWER IN SHORT

- What is camouflage? Give an example

(2+1)

Ans. The ability of an animal to change its colour to blend or merge with its surroundings so it is not detected by its enemies is called camouflage. Example: Chameleon

- What is plaque? What does it cause?

(2+1)

Ans. Plaque is a yellow, sticky substance that covers the teeth, if the teeth are not brushed correctly or cleaned regularly. It causes a foul smell in the mouth.

- Differentiate between migration and hibernation?

(3)

Ans. Some birds fly in large numbers from cold places to warm places in search of food. This is called Migration. Due to extreme cold and lack of food some animals survive the winter season by going into deep sleep this is called hibernation.

- What is roughage? How does it help our body?

(1+2)

Ans. Roughage is the fibre present in fruits and vegetables. It is needed to keep our digestive system clean and remove waste material from the body.

e. Name the energy used.

(1+1+1)

i. To move a bicycle - **Muscular energy**

ii. To run a car - **Fuel energy**

iii. By plants for photosynthesis - **Solar energy**

SECTION – C

5. Describe an egg. Draw and label parts of an egg.

(3+2)

Ans. Every egg has an outer shell which protects the baby inside. A jelly like substance is present inside the egg called albumen. Within the albumen is a yellow portion called yolk. The yolk contains a developing baby called embryo. Students will draw and label the egg.

6. How must you protect your teeth? Draw the structure of your teeth.

(3+2)

Ans. We must brush our teeth twice a day, in the morning before eating and after dinner.

Brush your teeth gently

Massage your gums with salt once a week

Rinse your mouth every time you eat.

Avoid eating too much chocolates, sweets and aerated drinks.

Eat raw carrots, apples and radish to keep your teeth clean and strong.

Visit your dentist once in very six months.

7. What is metamorphosis? Describe the metamorphosis of a butterfly.

(1+4)

Ans. Metamorphosis is the process by which young ones undergo many changes before becoming an adult.

The butterfly lays eggs on leaves. The eggs hatch into caterpillars or larvae.

The caterpillars spend its time eating and becoming fat. Then it finds a suitable place and starts spinning a silk thread from a hole below its mouth. This becomes a pad called cocoon in which the caterpillar curls up and goes to sleep. This stage is called Pupa.

The pupa stays in the cocoon for a few weeks shedding its skin many times and changing into a butterfly. When the butterfly is ready to come out it splits open the cocoon and flies off.

8. What is digestion? What are the functions of the stomach and the liver in digestion?

(2+3)

Ans. Digestion is the process of breaking down food into simple substance so that the nutrients can be absorbed by the body.

Stomach – Acids and the enzymes in the stomach break the food into a thick soup like paste.

Liver- Adds digestive juices that break down the fat into simpler forms and more enzymes are added so that the digestion is complete.