



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

## 3rd Term Test – 2018



**Sub : Science**

**Duration : 2 hrs**

**Class : 4 A, B & C**

**Roll No:**

**F.M. : 75**

**Date : 20.11.2018**

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

### SECTION - A

**1. Fill in the blanks:**

(4)

- Teeth are fixed in the \_\_\_\_\_ of our jaw.
- \_\_\_\_\_ make our work easier.
- \_\_\_\_\_ are materials burned to produce heat and power.
- Tiny living things called \_\_\_\_\_ or \_\_\_\_\_ grow in the gaps of our teeth.

**2. Name the following:**

(4)

- The nutrients from the digested food are absorbed by the \_\_\_\_\_
- Windmills use energy from \_\_\_\_\_
- Shedding of skin is known as \_\_\_\_\_
- A substance that dissolves another substance \_\_\_\_\_

**3. Write true or false for the following:**

(4)

- The yolk contains a developing baby called albumen. \_\_\_\_\_
- Matter is made up of tiny particles called molecules. \_\_\_\_\_
- Snow is frozen water vapour. \_\_\_\_\_
- The stomata are holes on the surface of the leaf. \_\_\_\_\_

**4. Match the following:**

(4)

- |            |  |        |
|------------|--|--------|
| a. Fork    |  | Canine |
| b. Fuel    |  | Wedge  |
| c. Teeth   |  | Mammal |
| d. Dolphin |  | Petrol |

**5. Choose the correct option:**

(4)

**a. To do work we need:**

- i. Energy    ii. Legs    iii. Hands    IV. Muscles

**b. It does not help in drying clothes faster:**

- i. Air    ii. Water vapour    iii. Sun's heat    iv. Breeze

**c. The Liver breaks down:**

- i. Fats    ii. Sweets    iii. Vitamins    iv. Proteins

**d. In a permanent set of teeth, there are \_\_\_\_\_ teeth in the lower jaw:**

- i. 32    ii. 20    iii. 16    iv. 12

## SECTION - B

6. Answer the following:

- a. Write about non-green plants. (3)
- b. What are evergreen trees (3)
- c. What is decantation? (3)
- d. Define metamorphosis (3)
- e. What is matter? Give two examples. (3)
- f. Draw an egg laying animal. (3)
- g. With the help of a diagram, show the differences of molecules in a liquid and molecules in a solid. (2+2)
- h. Define Incubation. (3)

## SECTION - C

7. Answer the following questions:

(6x5=30)

- a. What is the work of the small intestine and the large intestine?
- b. What are the uses of force?
- c. Write five tips for digesting food properly.
- d. What are temporary teeth and permanent teeth?
- e. How should you keep your teeth healthy? Write only five points
- f. Draw, colour and label the structure of our tooth. Write a few lines on the different parts of the tooth.

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### MODEL ANSWERS

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

#### SECTION - A

##### 1. Fill in the blanks:

(4)

- Teeth are fixed in the gum of our jaw.
- Simple machines make our work easier.
- Fuel are materials burned to produce heat and power.
- Tiny living things called germs or bacteria grow in the gaps of our teeth.

##### 2. Name the following: (4)

- The nutrients from the digested food are absorbed by the small intestine.
- Windmills use energy from wind
- Shedding of skin is known as moulting
- A substance that dissolves another substance solvent

##### 3. Write true or false for the following:

(4)

- The yolk contains a developing baby called albumen. False
- Matter is made up of tiny particles called molecules. True
- Snow is frozen water vapour True
- The stomata are holes on the surface of the leaf. True

##### 4. Match the following: (4)

a. Fork	c	Canine
b. Fuel	a	Wedge
c. Teeth	d	Mammal
d. Dolphin	b	Petrol

##### 5. Choose the correct option:

(4)

###### a. To do work we need:

- i. Energy    ii. Legs    iii. Hands    IV. Muscles

###### b. It does not help in drying clothes faster:

- i. Air    ii. Water vapour    iii. Sun's heat    iv. Breeze

###### c. The Liver breaks down:

- i. Fats    ii. Sweets    iii Vitamins    iv. Proteins

###### d. In a permanent set of teeth, there are \_\_\_\_\_ teeth in the lower jaw:

- i. 32    ii. 20    iii. 16    iv. 12

## SECTION - B

### 6. Answer the following:

a. Write about non-green plants. (3)

Ans. Some non – green plants grow on dead leaves and animals. They get their food and nutrition from dead and decaying plants and animals. E.g. mushroom

b. What are evergreen trees? (3)

Ans. Some trees have thick strong trunks to protect them from winter. These trees shed their leaves throughout the year and keep growing new ones. Such trees are called evergreen trees.

c. What is decantation? (3)

Ans. The process by which water can be transferred from one container to another without disturbing the sediment is called decantation.

d. Define metamorphosis (3)

Ans. The young ones of most of the insects are very different from adults. They undergo many changes before becoming an adult. This process is called metamorphosis.

e. What is matter? Give two examples. (3)

Ans. Matter is anything that has mass and takes up space. E.g. pencil, book

f. Draw an egg laying animal. (3)

Ans. Children will draw.

g. With the help of a diagram, show the differences of molecules in a liquid and molecules in a solid. (2+2)

Ans. Children will draw.

h. Define Incubation. (3)

Ans. The habit of some birds to keep their eggs warm by sitting on them is known as incubation.

## SECTION - C

### 7. Answer the following questions:

(6x5=30)

a. What is the work of the small intestine and the large intestine?

Ans. Small intestine – The food enters the small intestine. The nutrients are absorbed through the walls of the small intestine, by the blood flowing through its walls.

Large intestine – Food that is not digested in the small intestine comes into the large intestine. It absorbs water from the food and forms faeces.

b. What are the uses of force?

Ans. Force can:

- Move an object.
- Change the speed and direction of a moving object.
- Stop a moving object
- Change the shape of an object.

In nature force is mainly of two kinds-

- Gravitational force or gravity
- Frictional force or friction.

c. Write five tips for digesting food properly.

Ans. The five tips for digesting food properly are –

- Chew your food well.
- Do not talk while eating.
- Eat at a fixed time.
- Do not exercise after eating.
- Do not overeat.
- Eat a balanced diet to stay healthy and strong.



- Drink six to eight glasses of water every day.
- Eat enough roughage to remove waste from the body.
- Eat one green vegetable every day.

d. What are temporary teeth and permanent teeth?

Ans. The first teeth of a baby are called temporary or milk teeth. These teeth are called temporary because they start to fall out when a child is around six years old.

Another set of teeth takes the place of milk teeth. That set of teeth is known as the permanent set of teeth, since it will remain with us for our life. Permanent teeth are thirty-two in number, sixteen in the upper jaw and sixteen in the lower jaw.

e. How should you keep your teeth healthy? Write only five points.

Ans. Some things that we should do to keep our teeth healthy are –

- Brush our teeth twice a day,
- Brush our teeth gently.
- Massage our gums with salt once a week.
- Rinse our mouth every time we eat. It removes food particles stuck in the gaps.
- Avoid eating too many chocolates, sweets and aerated drinks.
- Eat raw carrots, apples and radish. They help to clean the teeth and make them strong.
- Visit the dentist every six months for a check up.

f. Draw, colour and label the structure of our tooth. Write a few lines on the different parts of the tooth.

- Enamel – Is the outermost white part of the tooth. It is the hardest part of our body.
- Dentine – Lies below the enamel. It is also hard.
- Pulp – Lies inside the dentine. It is soft. It has blood vessels and nerves. The pulp forms the central part of our tooth

- The children will draw and label the structure of our tooth.

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Sharmistha Sen .  
22/11/18