



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



## 3rd Term Test - 2019

Sub : Science  
Duration : 2 hrs

Class : 4 A, B & C

F.M. : 75  
Date : 22.11.2019

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

### SECTION - A

**1. Fill in the blanks:**

(4)

- Air is a mixture of \_\_\_\_\_
- Always swim at the \_\_\_\_\_ end of the pool.
- Clothes are made from \_\_\_\_\_.
- Water in a pond evaporates \_\_\_\_\_ than the water in a well.

**2. Name the following:**

(4)

- Thin net-like fabric used to cover wounds.
- Whole group of a particular type of animal or plant dying out.
- The natural environment in which the plant or animal is found.
- The layer of air that surround the Earth.

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

(4)

- A lever is a simple machine used to lift weights.
- We should run on a wet floor
- Banyan leaves are used for storing clothes.
- The sundry mangrove trees are found in coastal areas

**4. Choose the correct word:**

(4)

- We can touch electric points with \_\_\_\_\_ hands. (Wet/dry)
- Skin of some animal is used to make \_\_\_\_\_ (leather/cloth)
- It has weight but no shape and no volume. \_\_\_\_\_ (gas/solid)
- Mangrove trees have \_\_\_\_\_ roots. (Floating/breathing)

**5. Match the column:**

(4)

a. Mango tree		Gas
b. Fork		Parasite
c. Oxygen		Terrestrial plants
d. Tapeworm		Wedge

### SECTION B

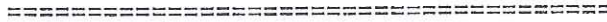
**6. Answer in short:**

- What is groundwater? Name any one (2+1)
- How are silk and woollen clothes stored? Why? (1+2)
- Mention 3 safety rules to be followed in the kitchen? (3)
- What is camouflage? Name any one animal. (2+1)
- What is a screw? Why is it used? (2+1)
- What are the factors that speed up evaporation? (3)
- What type of clothes should be worn during summer? Why? (1+1)
- What should we do in case of snake poisoning? Why? (1+1)
- The clothes that we wear vary due to a lot of factors. Name 3 factors. (3)

SECTION C

6. Answer the following questions:

- a. Define and draw decantation and chlorination? (3+2)
- b. Differentiate between land breeze and sea breeze. Draw to show the same. (3+2)
- c. Write five tips to ensure that clothes last longer and look better. (5)
- d. What is first aid? What first aid can you offer in case of an electric shock? (2+3)
- e. What is synthetic fibre? What are the advantages of synthetic fibre? (2+3)
- f. What is a simple machine? Name any two simple machines. Draw a simple machine. (1+2+2)





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### MODEL ANSWERS

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

#### SECTION - A

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

(4)

- Air is a mixture of **gases**
- Always swim at the **shallow** end of the pool.
- Clothes are made from **fibre**.
- Water in a pond evaporates **faster** than the water in a well.

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

- Thin net-like fabric used to cover wounds. **Gauze bandage**
- Whole group of a particular type of animal or plant dying out. **Extinct**
- The natural environment in which the plant or animal is found. **Habitat**
- The layer of air that surround the Earth. **Atmosphere**

##### 3. Write true or false for the following: (4)

- A lever is a simple machine used to lift weights. **True**
- We should run on a wet floor. **False**
- Banyan leaves are used for storing clothes. **False**
- The sundri mangrove trees are found in coastal areas. **False**

##### 4. Choose the correct word:(4)

- We can touch electric points with **dry** hands. (Wet/dry)
- Skin of some animals is used to make **leather** (leather/cloth)
- It has weight but no shape and no volume. **gas** (gas/solid)
- Mangrove trees have **breathing** roots. (Floating/breathing)

##### 5. Match the column:(4)

a. Mango tree	c	Gas
b. Fork	d	Parasite
c. Oxygen	a	Terrestrial plants
d. Tapeworm	b	Wedge

#### SECTION B

##### 6. Answer in short:

- What is groundwater? Name any one (2+1)  
**Ans.** Some rainwater is absorbed by the soil. It seeps into the soil and collects under the ground. This water is known as groundwater. Wells and hand pumps
- How are silk and woollen clothes stored? Why? (1+2)  
**Ans.** Woollen and silk clothes should be stored with mothballs or dried neem leaves. This protects the clothes from insects like moths and silver fish, which make holes in clothes by eating the fibre.
- Mention 3 safety rules to be followed in the kitchen? (3)  
**Ans.** The three safety rules to be followed in the kitchen are:
  - Do not try to light the stove.

ii. Do not play with the matchbox and matchsticks.

iii. Stay away from the stove. Something might be boiling or frying and you may get burnt.

d. What is camouflage? Name any one animal.

(2+1)

**Ans.** Camouflage is the ability of an animal to change its colour to blend or merge with its surrounding, making it hard to be seen or spotted. Chameleon.

e. What is a screw? Why is it used?

(2+1)

**Ans.** A screw is actually an inclined plane that winds around itself. A screw has ridges and is not smooth like a nail. Some screws are used to lower and raise things.

f. What are the factors that speed up evaporation?

(3)

**Ans.** The factors that speed up evaporation are high temperature, bigger surface area and the wind.

g. What type of clothes should be worn during summer? Why?

(1+1)

**Ans.** We should wear cotton clothes in summer because they absorb sweat and keep us cool. We should wear light coloured clothes in summer, as they do not absorb heat from the sun.

h. What should we do in case of snake poisoning? Why? (1+1)

**Ans.** In case of snakebite, immediately tie a very tight bandage above and below the wound to induce bleeding from it. This way, you will stop poisonous blood from circulating in the blood stream.

i. The clothes that we wear vary due to a lot of factors. Name 3 factors.

(3)

**Ans.** The three factors are – The climate we live in, the occasion we are attending, and the profession we are working in

### SECTION C

#### 6. Answer the following questions:

a. Define and draw decantation and chlorination?

(3+2)

**Ans.** The process by which water can be transferred from one container to another, without disturbing the sediment is called decantation. Germs and bacteria present in water can also be killed by chlorination. Chlorination is the process of adding chlorine tablets to the water. **Students will draw.**

b. Differentiate between land breeze and sea breeze. Draw to show the same.

(3+2)

**Ans.** At night the land cools faster than the sea water. The air above the sea water is warmer than the air above the land. Warm air rises and cool air from the land rushes towards the sea. This is called land breeze.

During the day, the land heats up faster than the sea water. The hot air from the land rises and the cool air from the sea rushes to take its place. So the wind blows from the sea towards the land. This is called sea breeze.

c. Write five tips to ensure that clothes last longer and look better.

(5)

**Ans.** i. Clothes should be washed well with a good quality soap to remove dust, sweat and dirt.

ii. After the clothes are washed, they should be dried in the sun.

iii. Washed and ironed clothes should be kept neatly in a cupboard.

iv. Clothes should be ironed after drying. Ironed clothes not only look good but ironing also helps to kill germs.

v. Woollen and silk clothes should be dry-cleaned or hand washed carefully.

d. What is first aid? What first aid can you offer in case of an electric shock?

(2+3)

**Ans.** First aid is the immediate help given to an injured person before a doctor arrives. In case of an electric shock, switch off the electrical connection immediately. Keep the person's body warm and give him/her something warm to drink.

e. What is synthetic fibre? What are the advantages of synthetic fibre?

(2+3)

**Ans.** Synthetic fibres are man-made. Special chemicals made from byproducts of petroleum are used for making synthetic fibres. Clothes made from these fibres are called synthetic fibres. Synthetic cloth is strong and lasts for a longer time. It is wrinkle free and does not require ironing. Synthetic clothes do not absorb water and dry quickly.

f. What is a simple machine? Name any two simple machines. Draw a simple machine.

(1+2+2)

**Ans.** Simple machines are tools that make our work easier. The two simple machines are lever and screw.

**Students will draw a simple machine.**