



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION

Second Term Examination - 2018



Sub :General Science
Duration:3hrs15 Min.

Class: 5

FM: 90
Date: 02.08.2018

Section-A

(25marks)

A. choose the correct option: (1x5=5)

1. Chemicals used for destroying harmful insects _____
(a) insecticides (b) pesticides (c) irrigation (d) agriculture
2. _____ means to get rid of something completely.
(a) vaccination (b) eradicate (c) hygiene (d) prevention
3. _____ is a building material that is made by mixing together cement, sand, small stones and water.
(a) bricks (b) budget (c) thermocol (d) concrete
4. _____ is a wall along a river bank.
(a) embankment (b) afforestation (c) bridge (d) slopes
5. _____ is a substance in blood that gives it the red colour and carries oxygen.
(a) haemoglobin (b) nerves (c) lymph (d) nodes

B. State whether the following statement is true or false: (1x5=5)

1. Sea turtles can swim all day as fast as an athlete runs!
2. The backbone is made up of 33 small bones.
3. CFC is widely used in refrigerators and air conditioners.
4. New plants can grow from the leaves of the bryophyllum.
5. Vaccination is the act of injecting vaccine to protect against a disease.

C. Fill in the blanks: (1x5=5)

1. _____ is a plan of how available money will be spent over a period of time.
2. The protection of soil against soil erosion is called _____.
3. _____ are the animals that gnaw or nibble at their food.
4. A group of organs together make up an _____ system.
5. _____ is a greenhouse gas present in the stratosphere.

D. Answer in one word: (1x5=5)

1. The process of development of a seed into a seedling .
2. A disease that spreads from one person to another.
3. A person who designs buildings.
4. Every year it is celebrated on 22nd April.
5. The natural home or surroundings of an animal where it lives, eats, grows and has babies.

E. Match the columns: (1x5=5)

Column A	Column B
1. Skull	Explosion
2. Melting of polar ice caps	Rickets
3. Pea pod	22 bones
4. Deficiency of vitamin D	Flat roofs and thick walls
5. Hot climate	Effect of global warming
	Sloping roofs

Section-B

(25 marks)

F. Answer the following questions: (2x5=10)

1. What is soil erosion?
2. What are ligaments and tendons?(1+1)
3. How does the breathing of a tadpole is different from the adult frog?(1+1)
4. What is pasteurization?
5. What is a greenhouse?

G. Answer the following questions:(attempt any 5 out of 7) (3x5=15)

1. Mention any three important things to keep our body healthy.
2. List the ways by which soil can be conserved.
3. Why do the animals migrate?
4. Write the three functions of the skeleton.
5. Name any three greenhouse gases.
6. Name any 3 agents which are helpful in dispersing seeds.
7. Name the 3 factors which determine the type of house to be built.

Section-C

(40 marks)

H. Long answer type questions: (attempt any 8 out of 10)(5×8=40)

1. Name the five different types of nutrients.(5)
2. Why do some rivers change their course?(5)
3. Snakes are reptiles with no legs, then how do they move?(5)
4. What is a joint? Name any four kinds of movable joints in our body.(1+4)
5. What do you mean by pollution? How can we prevent pollution of air and water?(1+4)
6. Name any 5 non-communicable diseases and write their causes.(2^{1/2}+2^{1/2})
7. How is man responsible for soil erosion?(5)
8. What special features help water animals to move? (5)
9. Name the internal organs which are protected by
(i) skull (ii) rib cage (iii) back bone (iv) hip girdles
And name the powerful and the longest bone in the human body.(4+1)
10. How metals can be recycled? (5)



ST.LAWRENCE HIGH SCHOOL
2ND TERM EXAMINATION-2018
CLASS-V

SUBJECT: GENERALSCIENCE
DURATION: 2HRS 30MINS

F.M: 90
DATE: 2.8.2018

Section-A (25marks)

A. choose the correct option: (1x5=5)

1. insecticides
2. Eradicate
3. Concrete
4. Enbankment
5. Haemoglobin

B. State whether the following statement is true or false: (1x5=5)

1. True
2. True
3. True
4. True
5. True

C. Fill in the blanks: (1x5=5)

1. Budget
2. Soil conservation
3. Rodents
4. Organ
5. Ozone

D. Answer in one word: (1x5=5)

1. Germination
2. Communicable disease
3. An architect
4. Earth day
5. Habitat

E. Match the columns: (1x5=5)

Column A	Column B
1. Skull	22 bones
2. Melting of polar ice caps	Effect of global warming
3. Pea pod	Explosion
4. Deficiency of vitamin D	Rickets
5. Hot climate	Flat roofs and thick walls

Section-B (25 marks)

F. Answer the following questions: (2x5=10)

1. The process of wearing away of soil over a period of time is called soil erosion.
2. Ligaments are strong tissues that bind the bones at a joint. Tendons are strong fibres with which muscles are attached to bones.
3. A baby frog or a tadpole breathes through its gills whereas an adult frog breathes through its lungs on land and through its moist skin in water.
4. The process of heating milk at a high temperature and quickly cooling it to kill harmful germs is called pasteurization.
5. A greenhouse is a glass house which is kept warm by sunlight so that plants get enough warmth.

G. Answer the following questions: (attempt any 5 out of 7) (3x5=15)

1. Balanced diet, regular exercise, enough rest and protection from diseases. (any 3)
2. Soil is conserved by growing cover crops in plains, making terraces on hills, and building embankments along a river banks.
3. Animals migrate to escape harsh weather, to search for food and to reach their breeding grounds.
4. The bones of the skeleton give shape and support to our body. They also protect our internal organs.
5. Carbon dioxide, water vapour, nitrous oxide, ozone, methane and CFC. (any 3)
6. Wind, water, animals and by explosion of fruits. (any 3)
7. Climate, material and budget.

Section-C (40 marks)

H. Long answer type questions: (attempt any 8 out of 10) (5x8=40)

1. Carbohydrates, proteins, fats, vitamins and minerals.
2. A river coming down from the hill carries a lot of mud with it. Upon reaching the plains, the flow of the river slows down. It leaves the part of the soil on its way. Over a period of time soil accumulates and makes the river change its course. The yellow river in China, called Hwang Ho was known as the **Sorrow of China**, because it changed its course very often. This resulted in loss of life and property.
3. Snakes are reptiles. They do not have legs. They have scales or plates on the underside of their bodies. These plates are attached to their ribs. When snakes move, these plates act like feet and the ribs act like legs. Besides plates they have strong muscle and a flexible backbone which helps them to move forward.
4. A joint is the meeting point of two bones held together by strong tissues. The types of movable joint are the hinge joint, the ball-and-socket joint, the pivot joint, the gliding joint and the saddle joint.
5. Pollution is the spoiling of land, air and water. Smoke from vehicles, factories and houses fouls the air. Garbage from houses thrown in the open pollutes land and air, and causes diseases. Spilling of oil or petroleum and dumping of chemical wastes from factories into rivers and seas harms water plants and animals. When nuclear power stations produce electricity, harmful poisonous waste mixes with the air.
6. Night blindness- caused by the deficiency of Vitamin A, Beri-beri- caused by the deficiency of Vitamin B₁, Scurvy- caused by the deficiency of Vitamin C, Rickets- caused by the deficiency of Vitamin D, Goitre is caused by the deficiency of iodine, Anaemia is caused by the deficiency of iron. (any 5)
7. Felling of trees or deforestation is a major cause of soil erosion. When trees are cut down the soil becomes loose and is easily carried away. Ploughing of hill slopes is yet another human factor that leads to soil erosion. Overgrazing by cattle also causes soil erosion.

8. Fish have fins for swimming. The two paired fins are used to move forward. The unpaired fin maintains balance and the tail fin helps to change the direction of the movement. Turtles have four paddle-like limbs to push water back and to swim. Penguins use their two forelimbs as flippers to push water and to swim. Frogs have webbed feet to swim. But when on land, they jump with the help of their long hindlegs.
9. (i) Brain (ii) Lungs (iii) Spinal cord (iv) bladder. Femur is the powerful and the longest bone in the human body.
10. Metal objects thrown by someone can be used by others. People even buy pipes, rods and gates from scrap dealers for reuse as they are cheaper. The leftover metal sheets with holes used to make racks and cages. Craftsmen buy and melt pieces of scrap to make frames, decoration pieces and jewellery. Every new car has some recycled part of an old car. Empty aluminium cans are cleaned, shredded, melted and reshaped into new cans for reuse.
