



ST. XAVIER'S SENIOR SECONDARY SCHOOL, JAIPUR

Half Yearly (SA-1) Examination : 2015-2016

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| 21-9-2015 | Std. VI | Science | Time : 2 hrs. | Marks : 60 |
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Instructions :

- (1) Leave one line space after each answer.
- (2) Write examples and draw diagrams to support your answer (wherever necessary)
- (3) Do not copy questions and statements.

A. Fill in the blanks with a suitable word :

(½×10=5)

1. Fibrous roots are also known as _____
2. Muddy water can be cleared by adding a piece of _____ in water.
3. Small beads like structure inside the ovary _____
4. Chemical compounds of Carbon, Hydrogen and Oxygen are called _____
5. When entire body moves from one place to another place _____
6. We need to drink _____ litres of water every day.
7. The single main stem in a tree is called _____
8. Deficiency of iron in our body leads to _____
9. Brinjal that we eat is actually the _____ of the plant
10. Iron gets damaged on coming in contact with air and the process is called _____

B. Write one main point of difference between the following :-

(1 ×05 = 05 Marks)

1. Reticulate Venation and Parallel Venation.
2. Transpiration and Evaporation.
3. Tendons and Ligaments.
4. Taproot and Fibrous Root.
5. Omnivores and Carnivores.

C. Give appropriate reasons to justify following statements :-

(2 ×10 = 20 Marks)

1. Burning of candle is considered as an irreversible chemical change.
2. Bubbles can be seen when aerated soda water is taken in a glass.
3. We have to eat lots of fibres in our food.
4. Certain plants need support to stand erect.
5. We prefer woollen cloths during winters.
6. Root cannot produce its own food.
7. We need balance diet.
8. We sprinkle water before sweeping a room.
9. Our elbow cannot move backward.
10. Bones of birds are hollow and light.

D. Answer the following questions in about (30-40 words) :-

(3 ×10 = 30 Marks)

1. Write one importance of each in human body :-
(a) Proteins (b) Carbohydrates (c) Calcium and Phosphorus.
2. Write three general functions of leaf in a plant.
3. How the fish is adapted to live in the water ?
4. Write one importance of the following :-
(a) Skeleton (b) Backbone (c) Ribcage
5. What is the link of _____ (one point only)
(a) Vitamin C with Iron (b) Vitamin D with calcium
(c) Minerals with drinking water.
6. Justify the statement ... "Food is vital for our living."
7. How will you separate the mixture of sand, salt and water? Name the processes involved.
8. Draw diagram to illustrate the following type of change .
(a) Change caused by pressure (b) Change caused by heating.
9. Draw Diagram to show :-
(a) Stem acts like a two way street (b) Filtration.
10. Draw a well labelled diagram of a flower , showing its various parts and write one important function of a flower.
