



# ITL PUBLIC SCHOOL SECTOR – 9, DWARKA

SESSION 2014 -2015  
SUMMATIVE ASSESSMENT I  
SET- A

CLASS: IV  
TIME: 2 Hrs.  
Student's Name: \_\_\_\_\_  
No. of Pages: 03

DATE: 19.09.2014  
SUBJECT: Science  
M.M: 60  
Roll No. : \_\_\_\_\_  
Invigilator's Signature: \_\_\_\_\_

## General Instructions:

- This paper consists of seven questions.
- All the questions are compulsory.
- Read the questions carefully before attempting.
- Attempt all the parts of a particular question together.
- Write the number of question as mentioned in the question paper.
- Do not write anything on the question paper.

## Q.1 Choose the correct option-

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- i) Which of the following is not required for photosynthesis?  
a) Oxygen                      b) Carbon dioxide                      c) Sunlight                      d) Water
- ii) \_\_\_\_\_ is the stem part of the plant that stores food.  
a) Carrot                      b) Sugarcane                      c) Cabbage                      d) Turnip
- iii) Which of these is a conifer?  
a) Teak                      b) Kendelia                      c) Spruce                      d) Neem
- iv) \_\_\_\_\_ is not a medicinal plant.  
a) Cinchona                      b) Eucalyptus                      c) Tulsi                      d) Peepal
- v) Which of these is not required for the formation of bones?  
a) Vitamin A                      b) Calcium                      c) Vitamin D                      d) Phosphorus
- vi) \_\_\_\_\_ disease is caused by a fungus.  
a) Cholera                      b) Ringworm                      c) Polio                      d) Malaria
- vii) \_\_\_\_\_ teeth are used for biting an apple.  
a) Canines                      b) Molars                      c) Incisors                      d) Premolars
- viii) Which of the following attacks silk clothes?  
a) Housefly                      b) Butterfly                      c) Birds                      d) Moth
- ix) \_\_\_\_\_ contain harmful chemicals that can be poisonous, if consumed.  
a) Pesticides                      b) Orange juice                      c) Toothpaste                      d) Mustard oil
- x) \_\_\_\_\_ is an inflammable substance that should not be stored in the kitchen.  
a) Refined oil                      b) Petrol                      c) Water                      d) Sand

**Q.2 Give the scientific term for the following-**

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- a) A green pigment in leaves that can trap sunlight-
- b) The process of breaking down of complex food into simple and soluble form-
- c) Tiny living things that can be seen only through a microscope-
- d) The process of cleaning clothes using certain chemicals instead of water-

**Q.3 Define the terms-**

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- a) First aid
- b) Plaque
- c) Balanced diet
- d) Adaptation
- e) Bleaching

**Q.4 Give reason-**

**5**

- a) Croton leaf has chlorophyll but it appears dark red in colour.
- b) Plants like, tape grass are grown in aquariums.
- c) Dentists advise to chew raw fruits and salads.
- d) We wear waterproof clothes during rainy season.
- e) In case of snake bite, a tight bandage should be tied between the wound and the heart.

**Q.5 Correct the given statements and then rewrite them-**

**5**

- a) During photosynthesis, food is prepared in the form of starch.
- b) Sheesham is an evergreen tree.
- c) There are 24 teeth in a temporary set of teeth.
- d) Acrylic is a natural animal fibre.
- e) Water is used to put out fire due to electrical faults.

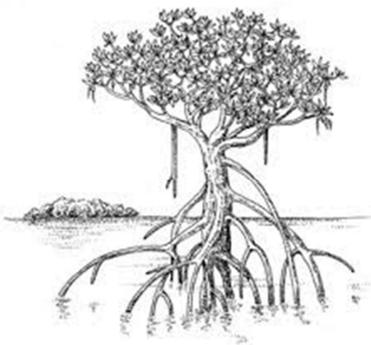
**Q.6 Answer in short- (2 marks each)**

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a) Human beings are cutting trees indiscriminately. Even though tiger is not herbivore, it does not get enough food to eat. Can you tell why? What value do you learn from this incident?

b) Write two functions of veins in a leaf.

c)



1. Name the type of plant seen here.
2. Mention one adaptive feature of these plants.

d) Ria went to Mussoorie (a hill station) during her summer vacation. The plants she observed there were different from that of Delhi. Write any two special features of the plants that she saw there.

e) Why do we need to cook food?

f) What happens to the food in the mouth? (write 2 points)

g) "All microbes are not germs." Do you agree with this statement? Give a suitable example to justify your answer.

h) Identify the type of tooth shown below and write its function.



i) Parul doesn't brush her teeth regularly and thus gets a cavity in her premolar. Initially there was no pain but after few days she experienced severe tooth ache. Can you tell why?

j) Look at the following picture and write the name of this plant. How does it get its nutrition?



k) What first aid would you provide to a person who has fainted and why?

**Q.7 Answer in detail- (3 marks each)**

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a) Draw a neat diagram for structure of a tooth showing its three layers.

b) How is lotus plant able to survive in pond water? Explain.

c) Raju's clothes caught fire. He got panic and started running. Is he right? Why or why not? Write 2 safety measures that he should follow in such a situation.