

ST. XAVIER'S SENIOR SECONDARY SCHOOL, DELHI-54

Class-4

SUMMATIVE ASSESSMENT 1

Marks:60

Date : 10.9.14

SCIENCE

Time -1 ½ hrs.

Name \_\_\_\_\_ Cl. & Sec. \_\_\_\_\_ Roll No. \_\_\_\_\_

PART - A

(Note: All the questions in Part A are to be answered on the question paper itself.)

I Tick (✓) the right answer (1×5 =5)

1. Animals that live on trees are called
  - a) Aerial Animals
  - b) Arboreal animals
  - c) Amphibians
2. Carbohydrates are essential for
  - a) Growth
  - b) Producing Energy
  - c) Teeth and Bones
3. Oil, ghee and butter have \_\_\_\_\_ in them
  - a) Proteins
  - b) Vitamins
  - c) Fats
4. Snakes, turtles, lizards are
  - a) Amphibians
  - b) Mammals
  - c) Reptiles
5. The part inside a bird's egg that provides food for growing embryo is called
  - a) Yolk
  - b) Albumen
  - c) Egg-shell

II Fill in the blanks : ( $\frac{1}{2} \times 10 = 5$ )

1. \_\_\_\_\_ animals eat both plants and animals.
2. Shedding of old skin by a cockroach to become an adult is called \_\_\_\_\_
3. Animals like bear and lizard sleep in the winter. This is called \_\_\_\_\_
4. Nourishing substances in our food are called \_\_\_\_\_
5. \_\_\_\_\_ is called complete food because it contains almost all the \_\_\_\_\_
6. Larva of the butterfly is called \_\_\_\_\_ and that of housefly is called \_\_\_\_\_
7. The eggs of fish grow into young fish called \_\_\_\_\_.
8. An average adult body contains \_\_\_\_\_ liters of water.

Cont'd/-.....

III Give 2 names each : (5)

- a) Two animals which do not exist anymore \_\_\_\_\_, \_\_\_\_\_
- b) Name 2 food products which give us protein \_\_\_\_\_, \_\_\_\_\_
- c) Name 2 methods of food preservation \_\_\_\_\_, \_\_\_\_\_
- d) Name 2 carnivorous birds \_\_\_\_\_, \_\_\_\_\_
- e) Name 2 food products which give us vitamins and minerals \_\_\_\_\_, \_\_\_\_\_

IV Correct the following sentences and answer in one sentence: (1 x5=5)

1. A cow breathes through gills

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2. Whales and dolphins lay eggs

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3. The larvae is called the "resting stage" in the life of a butterfly.

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4. The young ones of a frog are called spawn.

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5. We should wash the vegetables after cutting them.

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PART - B

Answer all the questions in the answer sheets provided to you. Do your work very neatly.

I Give reasons for the following: (2x5=10)

1. Why should we not overcook the food?
2. Why should we not throw the water used for soaking or boiling pulses?
3. Why do growing children need more milk?
4. Why can amphibians like frog live on land as well as water?
5. Why do langoors and chimpanzees have long tails?

II Give 2 differences between : (4)

- a) Herbivores and Carnivores
- b) Lifecycle of butterfly and cockroach

III Answer the following questions: (3x7=21)

- a) How does a camel adopt itself to a hot and dry desert?
- b) Why do we need to cook food? Name two methods of cooking food.
- c) Give 3 ways in which different animals protect themselves.
- d) Why are leeches and mosquitoes called parasites? What is the special feature they have?
- e) How can we protect animals? Give 2 points.
- f) What is a balanced diet? What will happen if we do not get a balanced diet?
- g) Why are vitamins and minerals called protective food?

IV Draw the life cycle of a butterfly and label it. (5)

OR

Draw the life cycle of a cockroach and label it.

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