

INTERNATIONAL INDIAN SCHOOL, RIYADH

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SUMMATIVE ASSESSMENT – I JUNE -2015

STD: VII

SUBJECT : SCIENCE

MAX. MARKS : 90

TIME : 3 HOURS

SET – A

I. FILL IN THE BLANKS

(1 x 8 = 8)

1. Amoeba digests its food in the _____.
2. The food synthesized by the plants is stored as _____.
3. The mixture of rock particles and _____ is called the soil.
4. The hotness of an object is determined by its _____.
5. Partially digested food in the rumen of herbivores is called _____.
6. The bodies of living organisms are made of tiny units called _____.
7. The removal of land surface by wind, water or ice is known as _____.
8. In solids, generally, heat is transferred by _____.

II. TRUE OR FALSE

(1 X 8 = 8)

1. Some fungi are used in medicines.
2. The product of photosynthesis is not a protein.
3. Dark coloured clothes are preferred during summer.
4. Grass is rich in protein.
5. Soil erosion takes place in areas of heavy vegetation.
6. In desert plants, green stems carry out photosynthesis.
7. All hot bodies radiate heat.
8. During the process of digestion proteins breakdown into fatty acids.

III. NAME THE FOLLOWING

(1 X 8 = 8)

1. The pores through which leaves exchange gases.
2. A bacterium that can fix atmospheric Nitrogen
3. The metal used in the bulb of a thermometer.
4. The mode of heat transfer responsible for sea breeze and land breeze.
5. The type of soil used for making toys and pots.
6. The mode of heat transfer in which no medium is required.
7. The type of carbohydrate that can be digested by ruminants but not by humans.
8. The best soil for growing crops.

IV. DEFINE THE FOLLOWING (ANY 5)

(1 X 5 = 5)

1. Rumination
2. Digestion
3. Soil
4. Nutrition
5. Conduction
6. Soil profile

V. DISTINGUISH BETWEEN : (ANY 3)

(2 X 3 = 6)

1. Parasites and Saprotrophs
2. Milk teeth and Permanent teeth
3. Conductors and Insulators of heat
4. Sandy soil and Clayey soil

VI ANSWER THE FOLLOWING (ANY 6)

(2 X 6 = 12)

1. Where is bile produced ? Which component of food does it help to digest ?
2. Explain how soil is formed?
3. Why do organisms need to take food?
4. Discuss why wearing more layers of clothing during winter keeps us warmer than wearing just one thick piece of clothing.
5. In places of hot climate it is advised that the outer walls of houses be painted white. Why?
6. How is clayey soil useful for crops ?
7. Why do we get instant energy from glucose?

VII. ANSWER THE FOLLOWING (ANY 3)

(5 X 3 = 15)

1. Explain how soil pollution and soil erosion could be prevented?
2. How would you test the presence of starch in leaves?
3. State similarities and differences between the laboratory thermometer and the clinical thermometer.
4. Give a brief description of the process of synthesis of food in green plants.

VIII .VALUE BASED QUESTIONS

(4 m)

Arun couldn't go to school due to toothache. His friend told him the cause of getting tooth ache and the precautions we should take to prevent it.

- 1.(a) Name the organism that causes toothache. (b) How does it cause tooth decay? (2 m)
2. What are the precautions that we should take to prevent it ? (1m)
3. What is the value shown by his friend. (1 m)

IX. DRAW, COLOUR AND LABEL ANY ONE OF THE FOLLOWING

(4 x 1 = 4)

Soil profile OR Clinical thermometer

X. MULTIPLE CHOICE QUESTIONS

(1 x 20 = 20)

(provided in a separate sheet. Attach the sheet along with the answer script).