INDIAN SCHOOL SOHAR **No. of printed pages: - 02**

FA - I - 2013-14

SCIENCE **SET -2**

CLASS-VII **MM: 25**

22/05/13 **Time: 40 mins**

Q.1 Choose the most appropriate answer. **1 x 5 = 5**

1) Water conducting tissue in a plant is

a) xylem b) phloem

c) stomata d) stem

2) Non-photosynthetic part of lichen is

a) algae b) fungi

c) cuscuta d) bacteria

3) Fat is completely digested in the

a) stomach b) liver

c) small intestine d) gall bladder

4) Silk and wool fibers are made up of

a) fats b) proteins

c) carbohydrates d) minerals

5) The process of utilizing the nutrients to grow is called

a) absorption b) ingestion

c) digestion d) assimilation

Q.2 a) Name the following: - **1 x 8 = 8**

1) Minute finger like outgrowths to increase surface area for the absorption of digested food.

2) Organ used by hydra to catch its prey.

3) Largest gland in human body.

4) The strongest part of the human teeth.

5) A relationship in which two organisms mutually benefit from each other.

b) Answer in one or two sentences only:-

6) What is reeling?

7) Which artificial fiber resembles silk? How is it prepared?

8) How do woollen clothes keep us warm in winters?

Q.3 Answer the following questions: - **2 x 3 = 6**

a) Complete the following equation of photosynthesis-

---------- + ----------+ sunlight → ---------- + ----------+ H_2O + energy.

b) Name the product(s) of digestion of the following components-

i) Carbohydrates ii) proteins iii) fats

c) Differentiate between saprophytes and parasites. Give one example for each.

Q.4 Answer the following questions: **3 x 2 = 6**

a) State the objective of the following process involved in wool production:

i) Shearing ii) Sorting iii) weaving

b) i) Which type of carbohydrate can be digested by ruminants but not by humans? Why?

ii) Draw a neat & labeled diagram to show nutrition in amoeba.