**HOLIDAY’S HOMEWORK**

 **SUBJECT:SCIENCE**

 **SESSION: 2018-19**

**CLASS: 7**

1. Activity 1: Germinate 15 to 20 gram seed in two petridishes. Place a cotton wool pad in each petridish. Scatter the seeds on the top of this pad. Add enough water to both, to saturate the cotton, but do not cover the seeds. Place one petridish in the dark and other in the light and allow the seedlings to grow. Make a table as shown below in your scrapbook and record the length of the stem, the size of the leaves, and the colour of the leaves for each. Allow seedlings to grow for one more week under the same conditions and record your observations.

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| --- | --- | --- |
|  S.NO | OBSERVATION AFTER ONE WEEK | OBSERVATION AFTER TWO WEEK |
|  1 |  |  |
|  2 |  |  |

1. Activity 2: Draw shapes of various organs of Human Digestive System and paste them on a paper of scrapbook. Write functions of each of organ.
2. Draw life cycle of the silk moth
3. Learn all syllabus covered.

 **CLASS 8**

1. Prepare a small herbarium of fruit crop yourself. For each plant collect leaves attached to stem, roots, seeds and flowers (if possible). Try the collected specimen by pressing them between several layers of newspaper under the heavy weight for about 2 week. Glue the specimen on a stiff A4 size paper or a Scrapbook paper and write details such as name of plant, place and date of collection and any other observation. Arrange these specimens in a file
2. Explore the refrigerator or the kitchen and at least five food items that are preserved using preservatives. Also find out mode of action of each preservative.
3. Describe Nitrogen cycle with help of diagram.
4. Learn all syllabus covered.